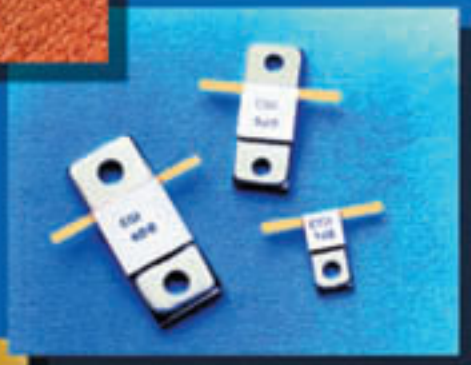


Component General, Inc.



Manufacturer of:
Coaxial Microwave Rods & Discs, Stripline Resistors &
Terminations, Power Attenuators & Coaxial Terminations

Component General, Inc.

Introduction _____ 3

Stripline Resistors and Terminations

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Component General, Inc.



We at Component General, Inc. take pride in giving our customers more than just a high quality product at a fair market price. We also provide a service -- specialized attention to individual requirements. From inception in 1974, throughout the growth years and today, customer satisfaction is the prime concern of Component General, Inc. management.

Component General, Inc. recently built a 19,000 Sq.Ft. modern facility in Odessa, Florida, 23 miles north of Tampa Airport. We manufacture a broad line of stripline and coaxial resistors, terminations and attenuators. We also maintain our own machine shop for making special request parts. With in-house test equipment, the following tests are performed per customer requests and also for verification of the performance of our products.

- POWER BURN-IN
- SHEAR STRENGTH
- THERMAL SHOCK
- HIGH TEMPERATURE EXPOSURE
- SHORT TIME OVERLOAD
- LOAD LIFE
- TEMPERATURE COEFFICIENT
- VSWR (NETWORK ANALYZER) DC - 20 GHz

A quality control program is in effect with procedures documented in accordance with MIL-I-45208, MIL-STD-105, MIL-STD-45662 and MIL-Q-9858. All products are inspected 100% during production and sampled on an AQL basis at final inspection.

THE FOLLOWING INFORMATION IS TO FACILITATE ORDERING:

- Fax No.: (727) 372-9096
- Telephone No.: (727) 376-6655
- EMAIL: sales@componentgeneral.com
- Website: www.componentgeneral.com
- Mailing Address: 2445 Success Drive, Odessa, FL. 33556
- Local Rep.: Rep. sheets are available upon request.
- Please State Required: P/N, Value, Tolerance & Quantity.

For special requirements and non-catalog features, please specify the Component General part number, value, tolerance and identify the non-standard feature, with drawing if required. If the nonstandard feature can be specified in a few words, this will be sufficient. Component General will, upon receipt of the order or upon your request, issue an in-house part number for the item. Our engineering personnel will be most happy to discuss your requirements. Cross-reference sheets are available to aid you if you have a competitive part number and need the Component General part number.

Component General, Inc.

Stripline Base Mounted Terminations

MECHANICAL SPECIFICATIONS



Heat Sink : Copper, Nickel Plated per QQ-N-290.

Substrate : Beryllium Oxide Ceramic.

Contact : Beryllium Copper, Gold Plated per MIL-G-45204.

Thickness : .004" \pm .002".

Cover : Alumina Ceramic.

Tolerance : \pm .010" unless specified

1 hole base mounted terminations product selection chart

CGI P/N	Power	Resistance (Ohms)	Standard Tolerance	Frequency Range	VSWR (Max.)
Note: Click a part number from the list below to see a data sheet for that part.					
CBT-10-1	10 W	50	5 %	DC - 4.0 GHz	1:35:1 1:35:1
CBT-10-2	10 W	50	5 %	DC - 4.0 GHz	1:35:1
CBT-10-3	10 W	50	5 %	DC - 8.0 GHz	1:25:1
CBT-10-4	10 W	50	5 %	DC - 8.0 GHz	1:25:1
CBT-20-1	20 W	50	2 %	DC - 1.0 GHz 1.0 - 2.0 GHz	1:20:1 1:35:1
CBT-20-2	20 W	50	2 %	DC - 1.0 GHz 1.0 - 2.0 GHz	1:20:1 1:35:1
CBT-20-3	20 W	50	2 %	DC - 1.0 GHz 1.0 - 2.0 GHz	1:20:1 1:35:1
CBT-20-4	20 W	50	2 %	DC - 1.0 GHz 1.0 - 2.0 GHz	1:20:1 1:35:1
CBT-20-5	20 W	50	2 %	DC - 1.0 GHz 1.0 - 2.0 GHz	1:20:1 1:35:1
CBT-20-6	20 W	50	2 %	DC - 4.0 GHz	1:25:1
CBT-20-7	20 W	50	2 %	DC - 4.0 GHz	1:25:1
CBT-20-8	20 W	50	2 %	DC - 4.0 GHz	1:25:1
CBT-50-1	50 W	50	5 %	DC - .5 GHz .5 - 1.0 GHz	1:20:1 1:35:1
CBT-50-2	50 W	50	5 %	DC - .5 GHz .5 - 1.0 GHz	1:20:1 1:35:1

Component General, Inc.

■ Stripline Base Mounted Terminations

■ MECHANICAL SPECIFICATIONS



Heat Sink : Copper, Nickel Plated per QQ-N-290.

Substrate : Beryllium Oxide Ceramic.

Contact : Beryllium Copper, Gold Plated per MIL-G-45204.

Thickness : .004" ± .002".

Cover : Alumina Ceramic.

Tolerance : ± .010" unless specified

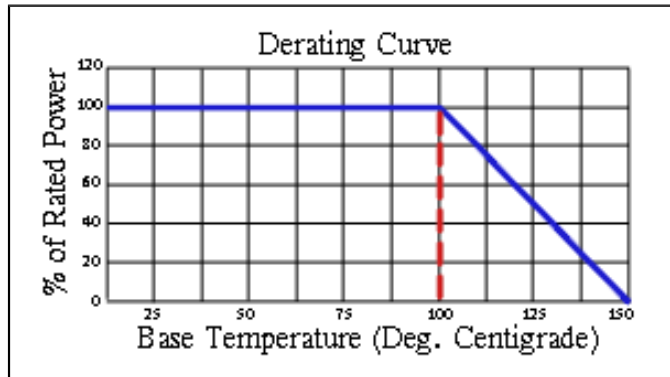
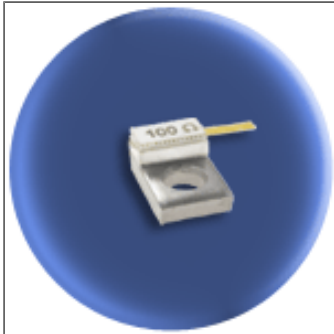
1 hole base mounted terminations product selection chart

CGI P/N	Power	Resistance (Ohms)	Standard Tolerance	Frequency Range	VSWR (Max.)
Note: Click a part number from the list below to see a data sheet for that part.					
CBT-50-3	50 W	50	5 %	DC - .5 GHz .5 - 1.0 GHz	1:20:1 1:35.1
CBT-50-4	50 W	50	5 %	DC - .5 GHz .5 - 1.0 GHz	1:20:1 1:35.1
CBT-50-5	50 W	50	5 %	DC - .5 GHz .5 - 1.0 GHz	1:20:1 1:35.1
CBT-50-6	50 W	50	5 %	DC - .5 GHz .5 - 1.0 GHz	1:20:1 1:35.1
CBT-50-7	50 W	50	5 %	DC - 6.0 GHz	1:25:1
CBT-50-8	50 W	50	5 %	DC - 6.0 GHz	1:25:1
CBT-50-9	50 W	50	5 %	DC - 6.0 GHz	1:25:1
CBT-50-10	50 W	50	5 %	DC - 6.0 GHz	1:25:1
CBT-50-11	50 W	50	5 %	DC - 6.0 GHz	1:25:1
CBT-50-12	50 W	50	5 %	DC - 6.0 GHz	1:25:1

Component General, Inc.

P/N: CBT-10-1

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

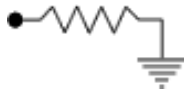
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.040",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - 4.0 GHz

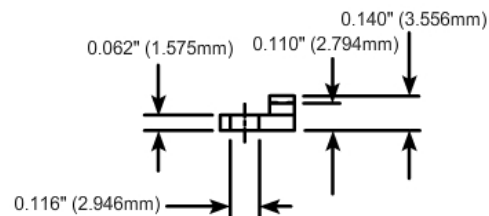
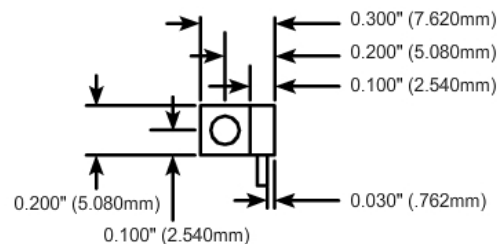
VSWR (Max.):

1.35:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

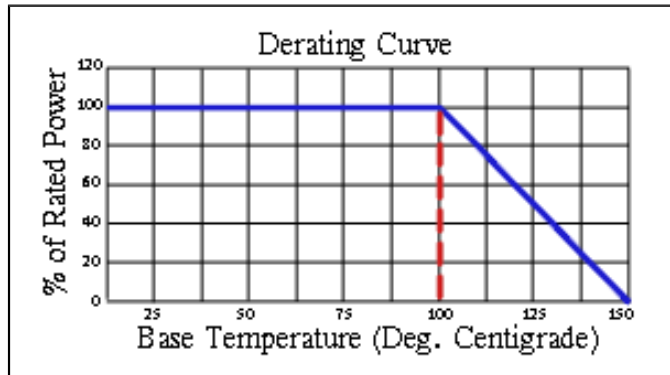
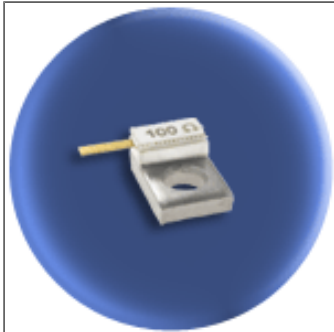
Part Dimensions



Component General, Inc.

P/N: CBT-10-2

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

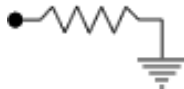
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.040",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - 4.0 GHz

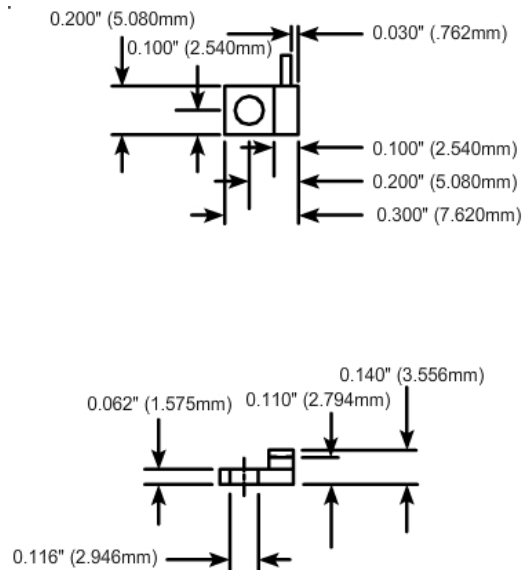
VSWR (Max.):

1.35:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

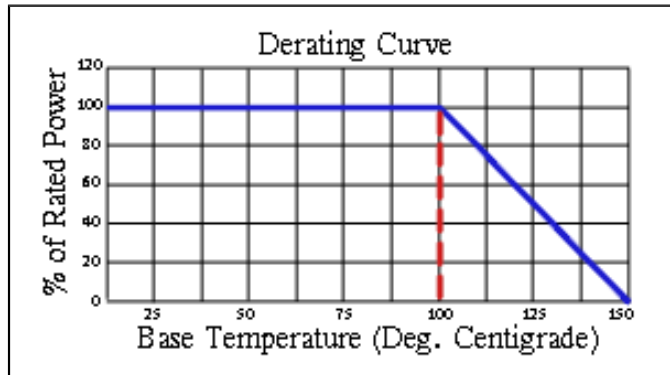
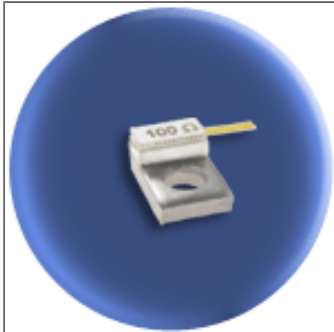
Part Dimensions



Component General, Inc.

P/N: CBT-10-3

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

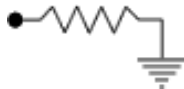
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.040",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - 8.0 GHz

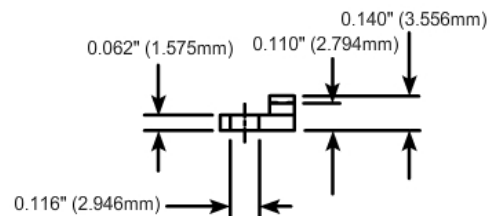
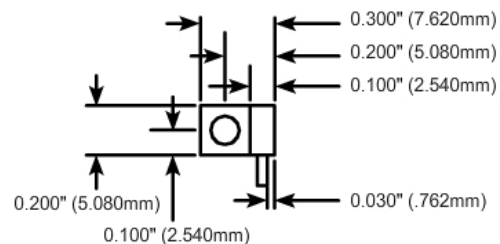
VSWR (Max.):

1.25:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

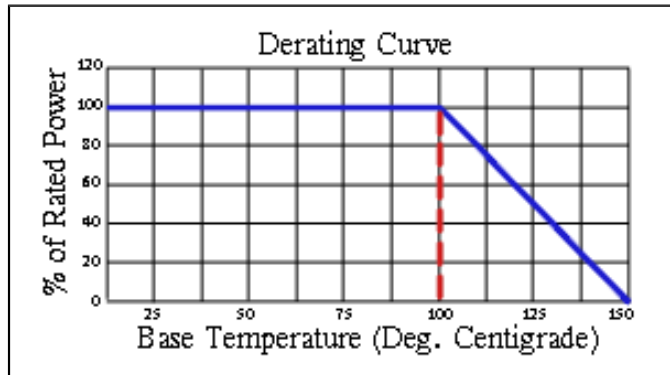
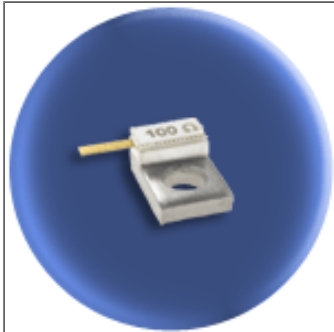
Part Dimensions



Component General, Inc.

P/N: CBT-10-4

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

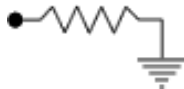
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.040",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - 8.0 GHz

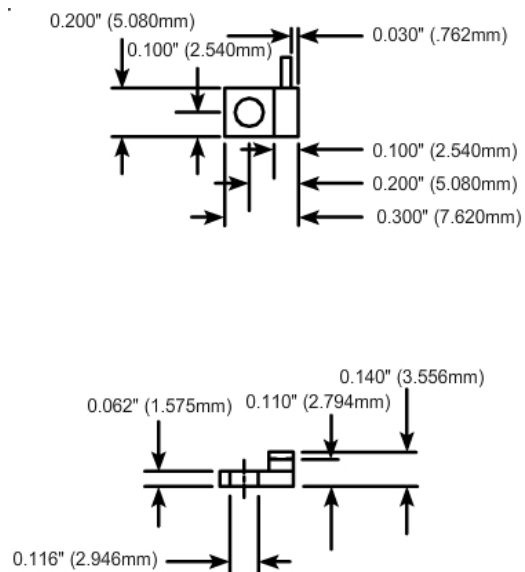
VSWR (Max.):

1.25:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

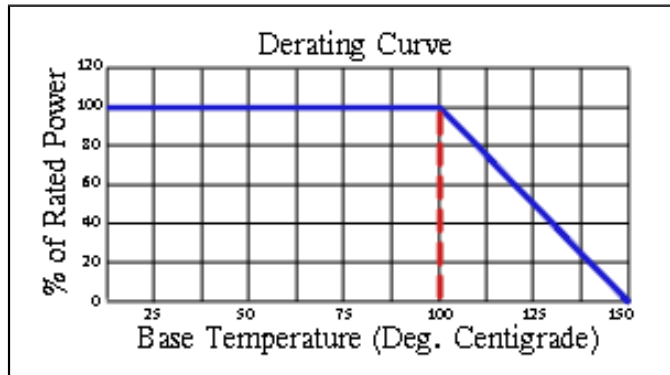
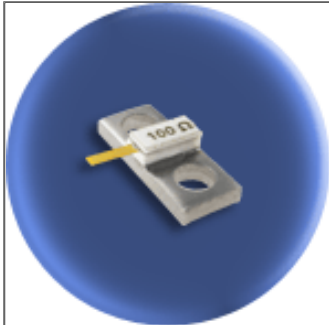
Part Dimensions



Component General, Inc.

P/N: CBT-10-5

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

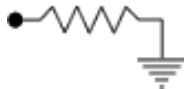
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.040",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - 8.0 GHz

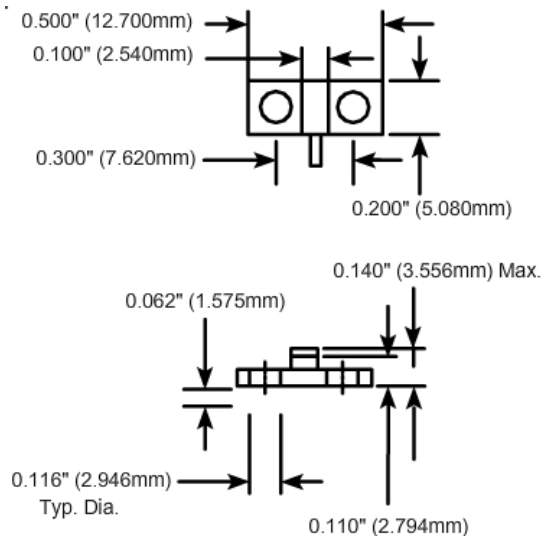
VSWR (Max.):

1.25:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

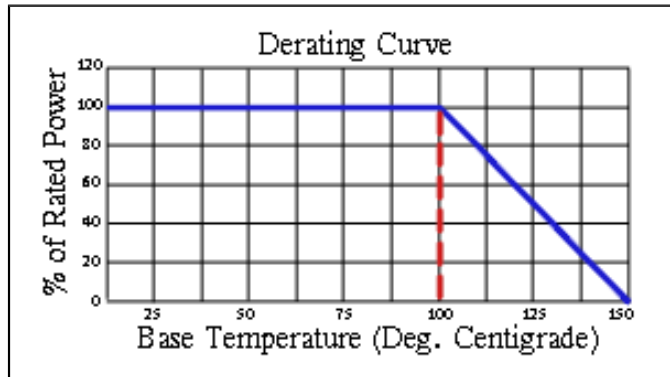
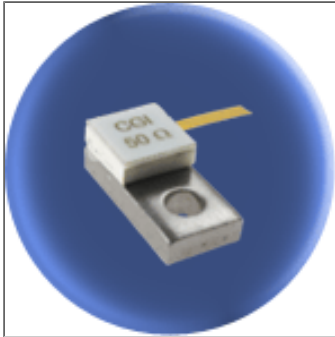
Part Dimensions



Component General, Inc.

P/N: CBT-20-1

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

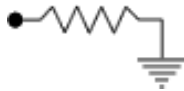
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.250" Min., Width: 0.060",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - 1.0 GHz
1.0 - 2.0 GHz

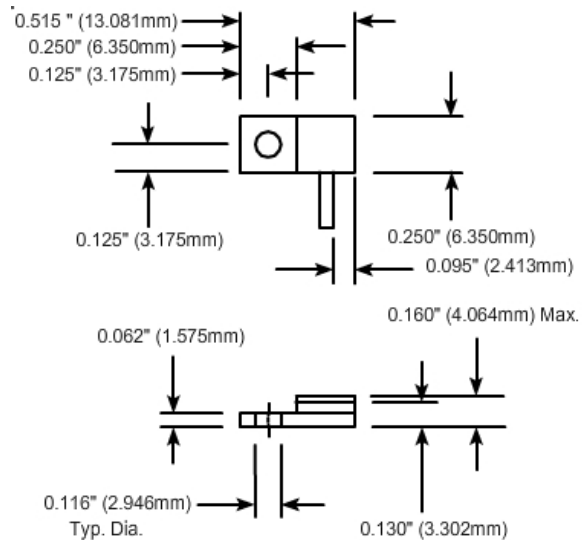
VSWR (Max.):

1.201
1.35:1

Standard Resistance Tolerance:

± 2% Other tolerances available upon request.

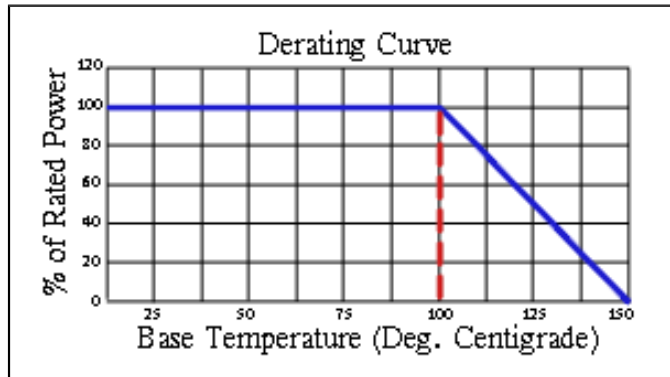
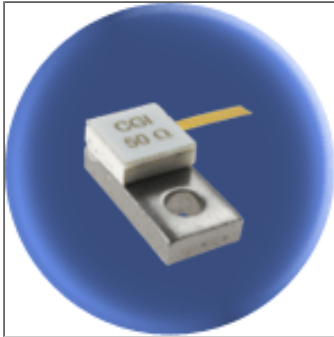
Part Dimensions



Component General, Inc.

P/N: CBT-20-2

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

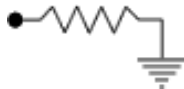
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.250" Min., Width: 0.060",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - 1.0 GHz
1.0 - 2.0 GHz

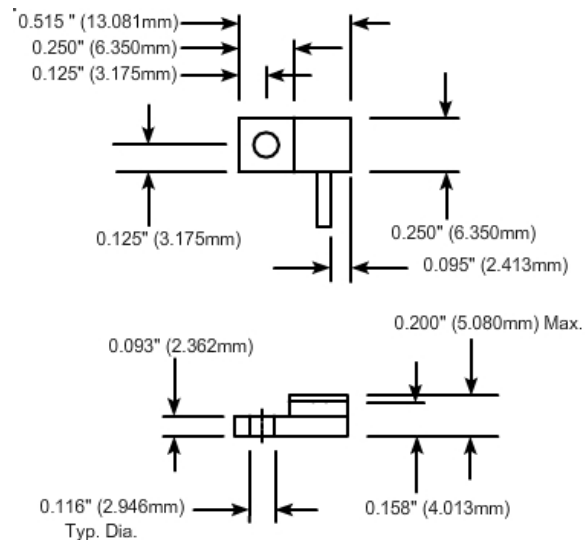
VSWR (Max.):

1.201
1.35:1

Standard Resistance Tolerance:

± 2% Other tolerances available upon request.

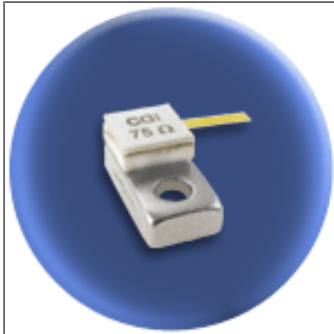
Part Dimensions



Component General, Inc.

P/N: CBT-20-3

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

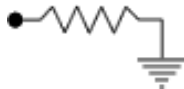
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.250" Min., Width: 0.060",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - 1.0 GHz
1.0 - 2.0 GHz

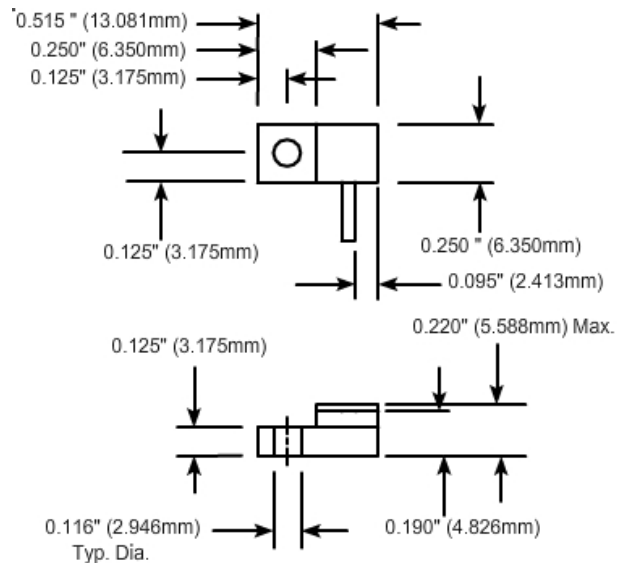
VSWR (Max.):

1.201
1.35:1

Standard Resistance Tolerance:

± 2% Other tolerances available upon request.

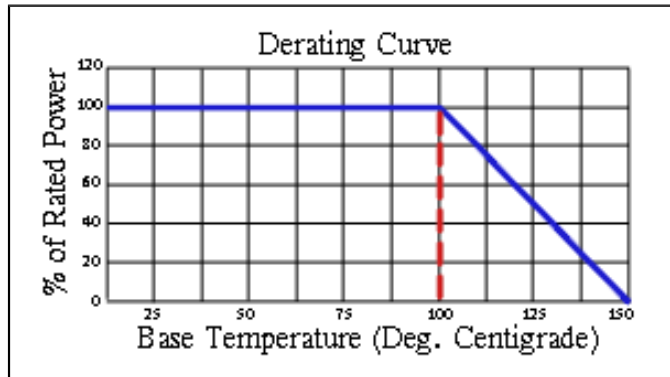
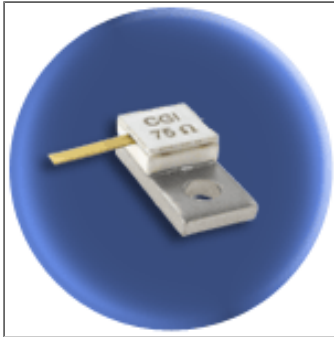
Part Dimensions



Component General, Inc.

P/N: CBT-20-4

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

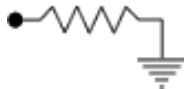
Beryllium Copper, Gold Plated per MIL-G-45204. Length: 0.250" Min., Width: 0.060", Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - 1.0 GHz
1.0 - 2.0 GHz

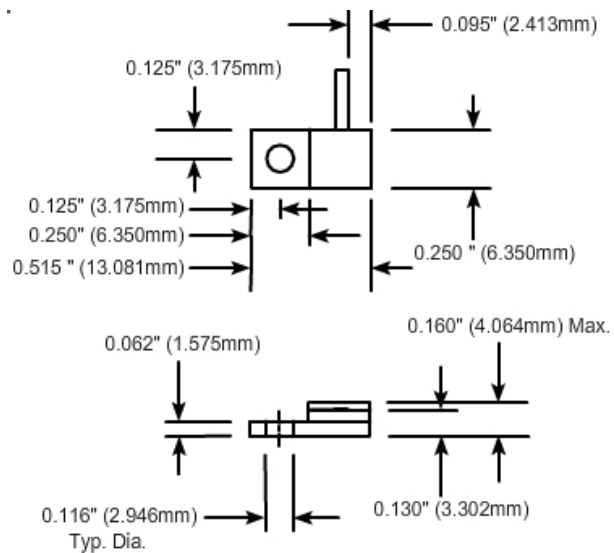
VSWR (Max.):

1.201
1.35:1

Standard Resistance Tolerance:

± 2% Other tolerances available upon request.

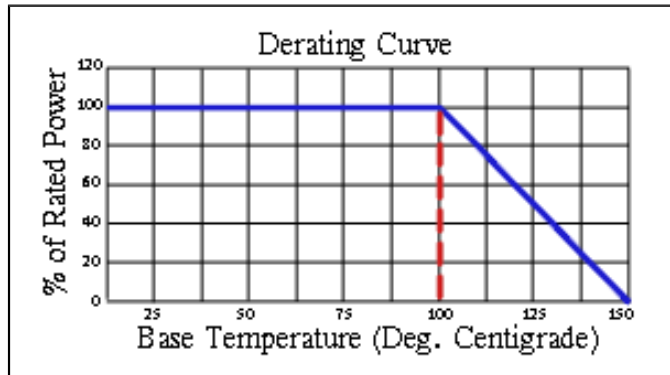
Part Dimensions



Component General, Inc.

P/N: CBT-20-5

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

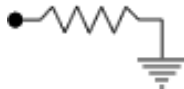
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.250" Min., Width: 0.060",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - 1.0 GHz
1.0 - 2.0 GHz

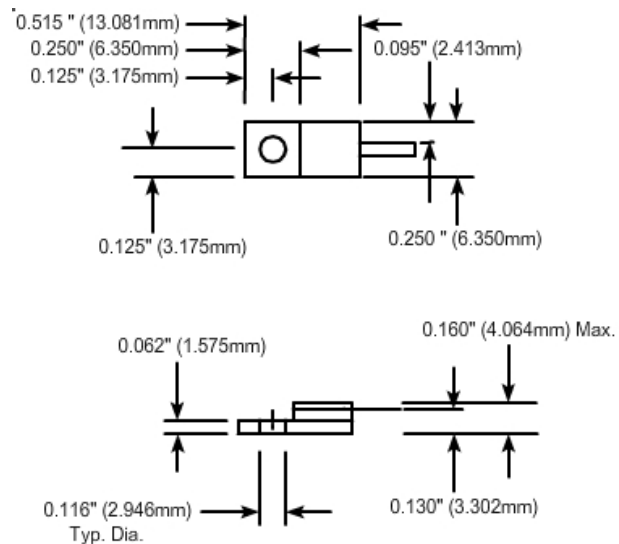
VSWR (Max.):

1.201
1.35:1

Standard Resistance Tolerance:

± 2% Other tolerances available upon request.

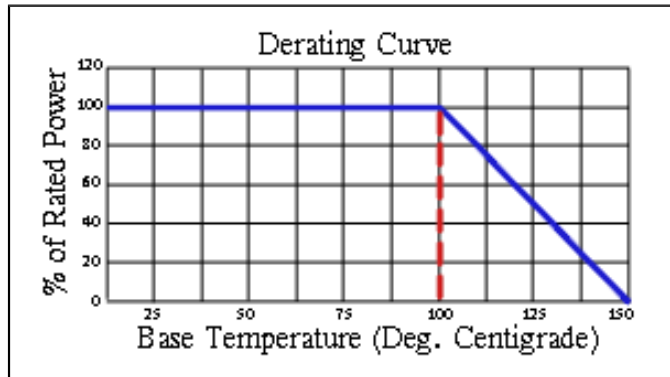
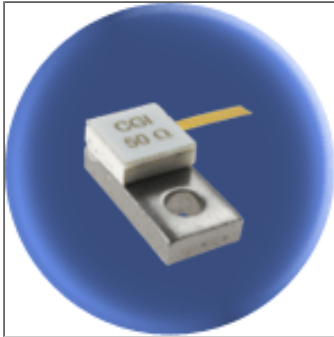
Part Dimensions



Component General, Inc.

P/N: CBT-20-6

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

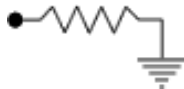
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.250" Min., Width: 0.060",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - 4.0 GHz

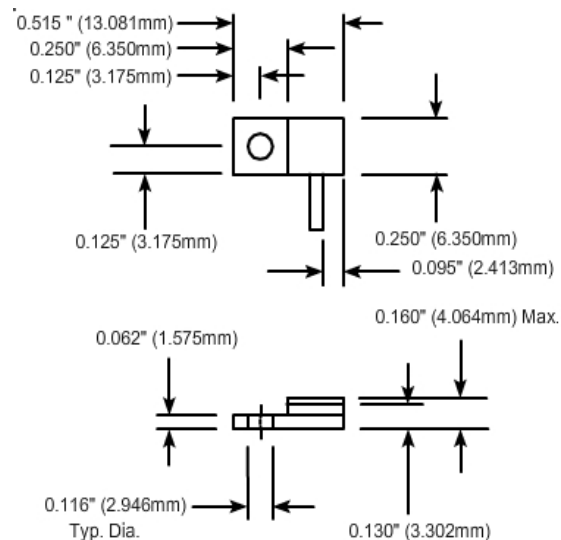
VSWR (Max.):

1.25:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

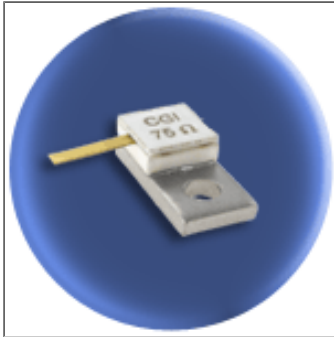
Part Dimensions



Component General, Inc.

P/N: CBT-20-7

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

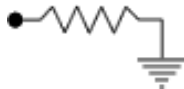
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.250" Min., Width: 0.060",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - 4.0 GHz

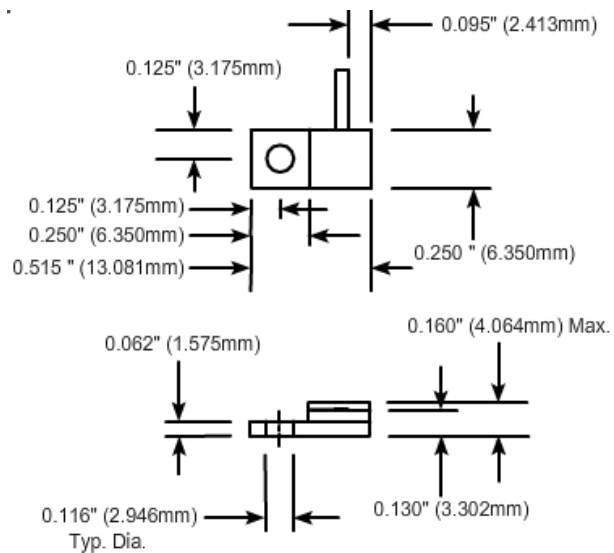
VSWR (Max.):

1.25:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

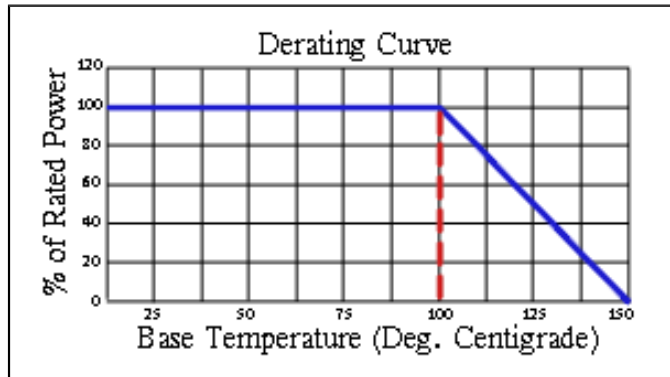
Part Dimensions



Component General, Inc.

P/N: CBT-20-8

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

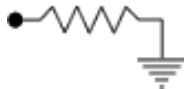
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.250" Min., Width: 0.060",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

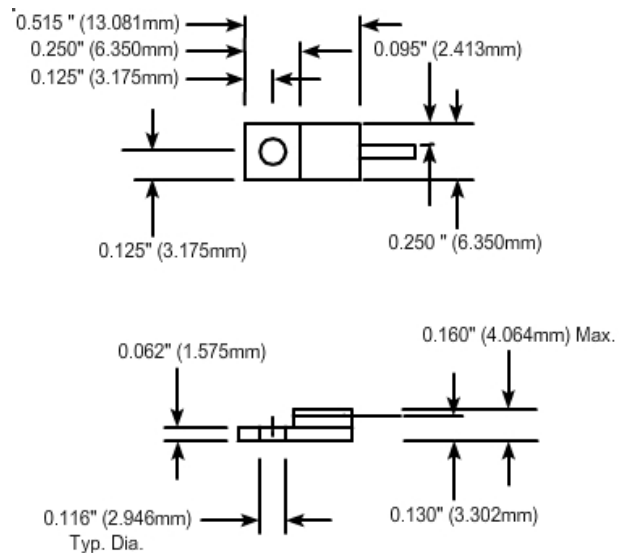
Frequency Range: VSWR (Max.):

DC - 4.0 GHz 1.25:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

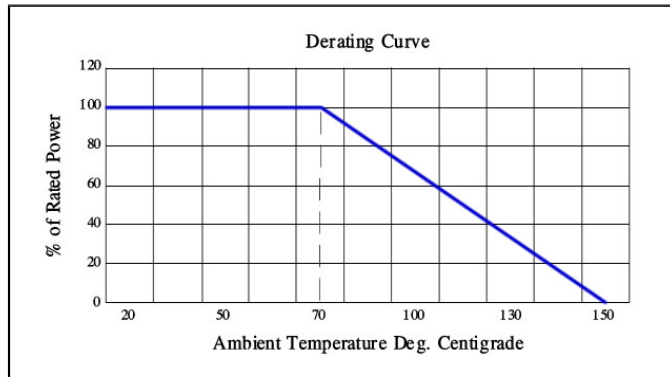
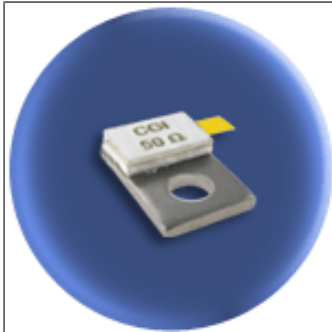
Part Dimensions



Component General, Inc.

P/N: CBT-50-1

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

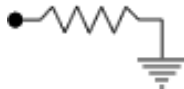
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.120",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - .5 GHz
.5 - 1.0 GHz

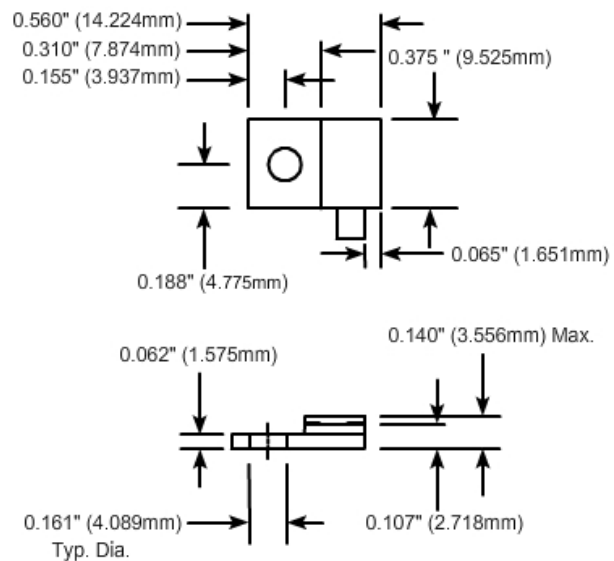
VSWR (Max.):

1.20:1
1.35:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

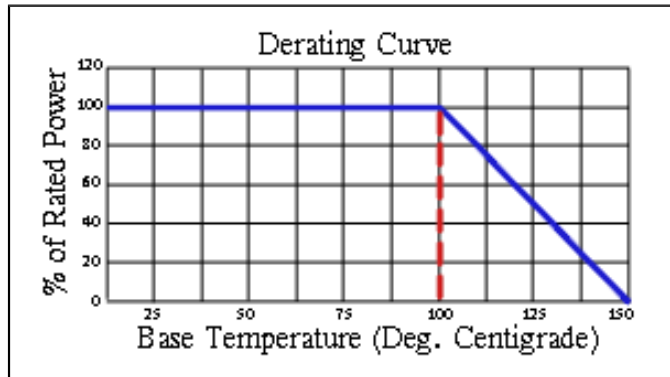
Part Dimensions



Component General, Inc.

P/N: CBT-50-2

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

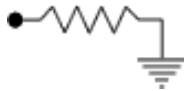
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.120",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - .5 GHz
.5 - 1.0 GHz

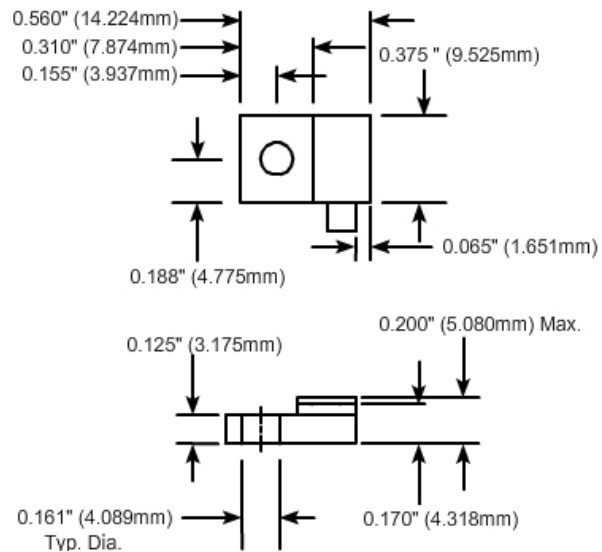
VSWR (Max.):

1.20:1
1.35:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

Part Dimensions



Component General, Inc.

P/N: CBT-50-3

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

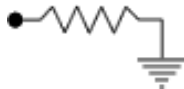
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.120",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - .5 GHz
.5 - 1.0 GHz

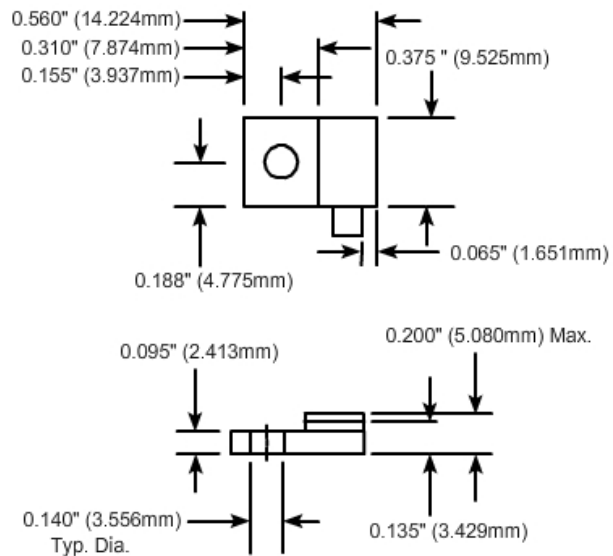
VSWR (Max.):

1.20:1
1.35:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

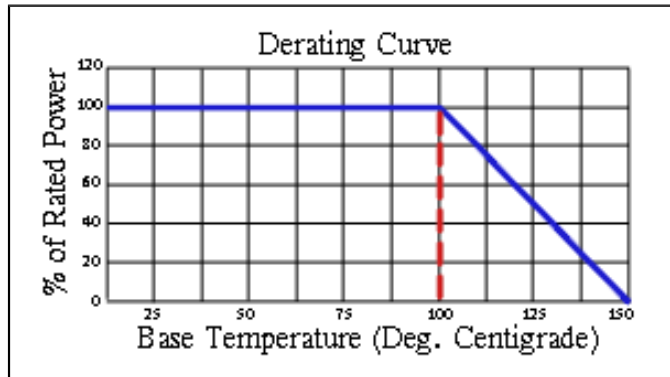
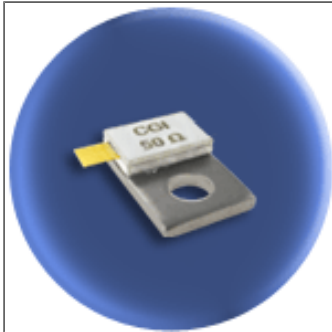
Part Dimensions



Component General, Inc.

P/N: CBT-50-4

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

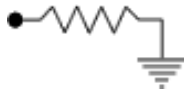
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.120",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - .5 GHz
.5 - 1.0 GHz

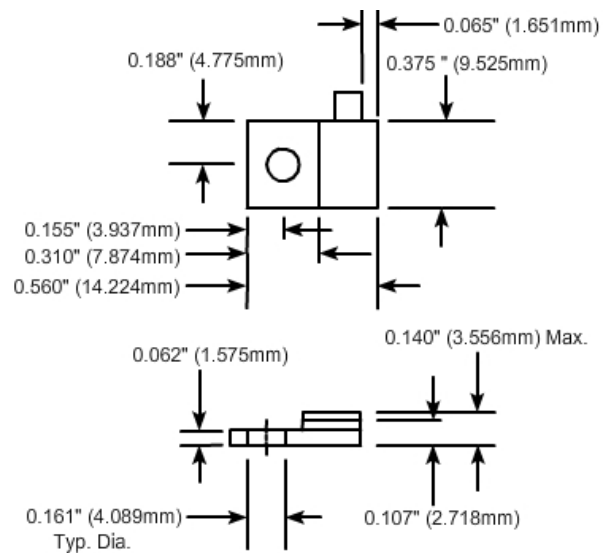
VSWR (Max.):

1.20:1
1.35:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

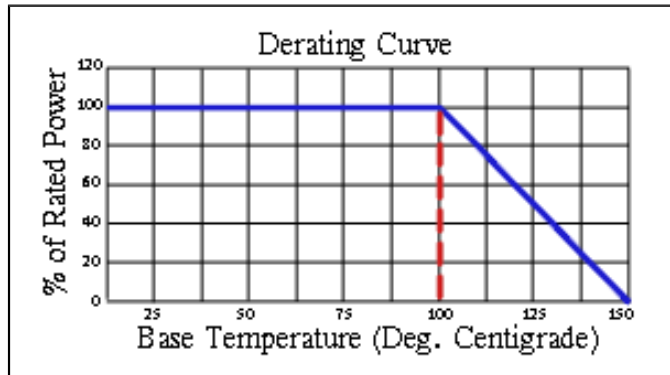
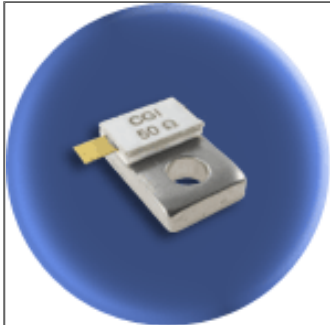
Part Dimensions



Component General, Inc.

P/N: CBT-50-5

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

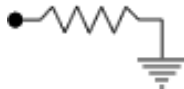
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.120",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - .5 GHz
.5 - 1.0 GHz

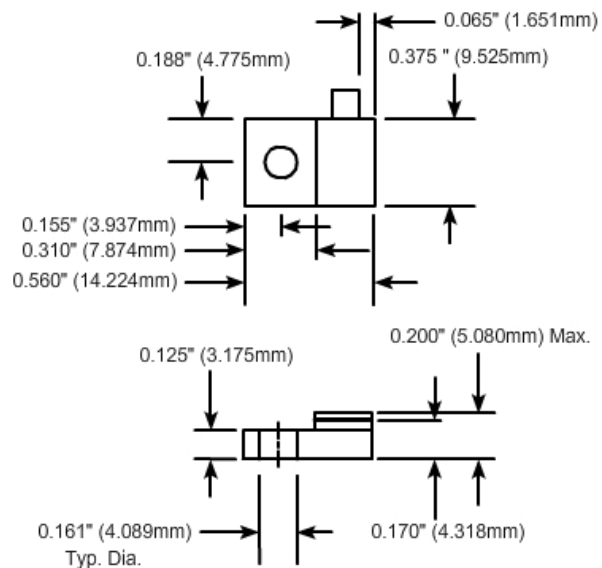
VSWR (Max.):

1.20:1
1.35:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

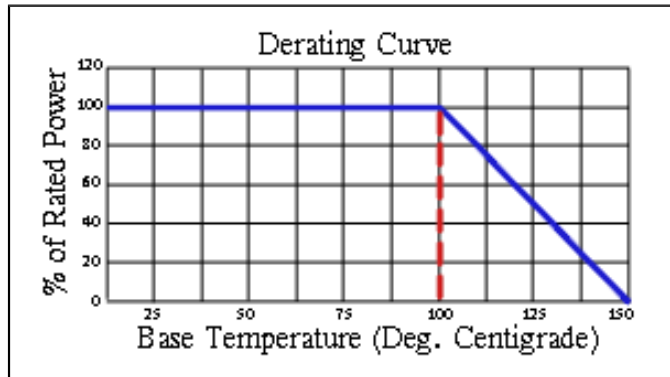
Part Dimensions



Component General, Inc.

P/N: CBT-50-6

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

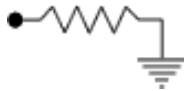
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.120",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - .5 GHz
.5 - 1.0 GHz

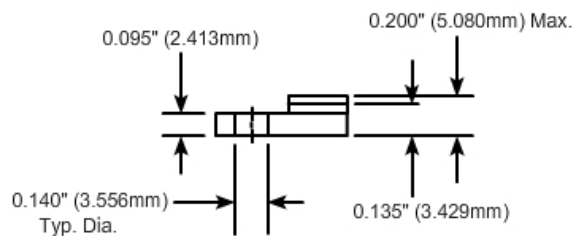
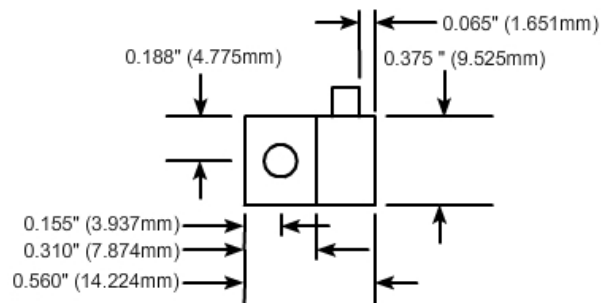
VSWR (Max.):

1.20:1
1.35:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

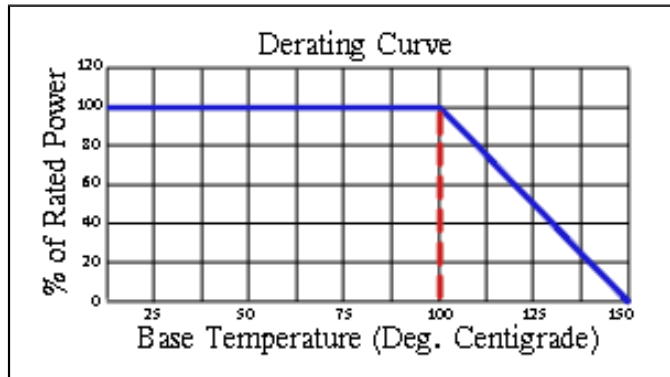
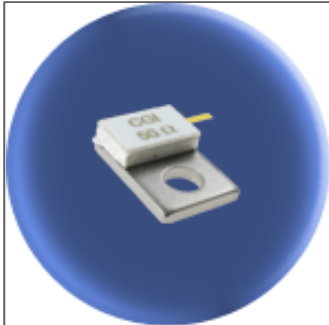
Part Dimensions



Component General, Inc.

P/N: CBT-50-7

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

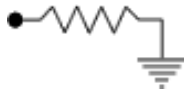
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.040",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - 6.0 GHz

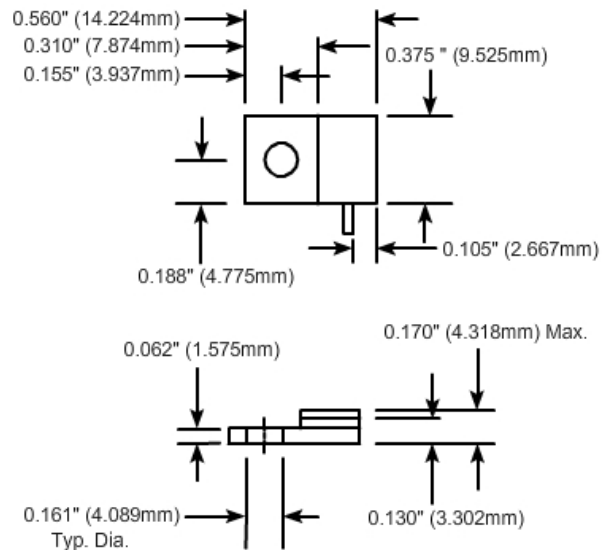
VSWR (Max.):

1.25:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

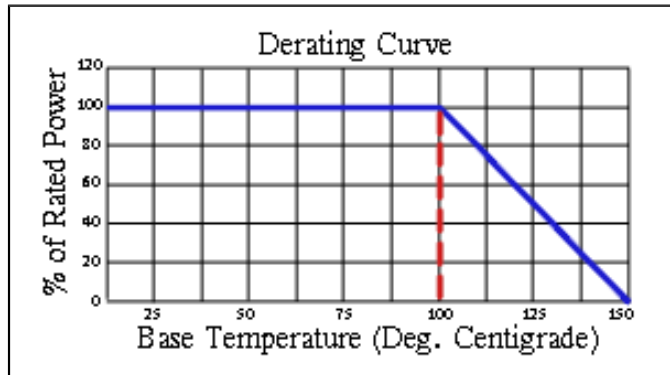
Part Dimensions



Component General, Inc.

P/N: CBT-50-8

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

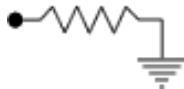
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.040",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - 6.0 GHz

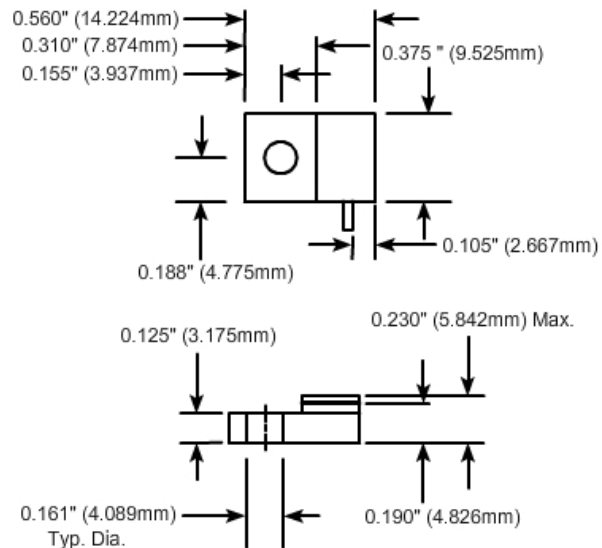
VSWR (Max.):

1.25:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

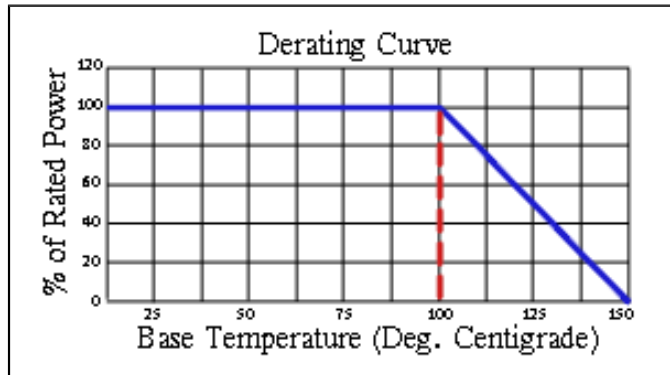
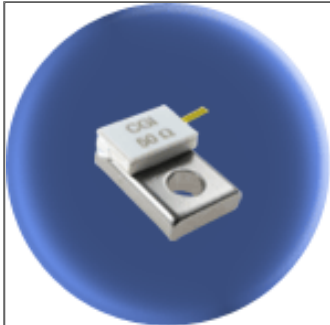
Part Dimensions



Component General, Inc.

P/N: CBT-50-9

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

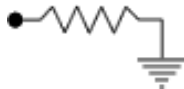
Beryllium Copper, Gold Plated per MIL-G-45204. Length: 0.125" Min., Width: 0.040", Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - 6.0 GHz

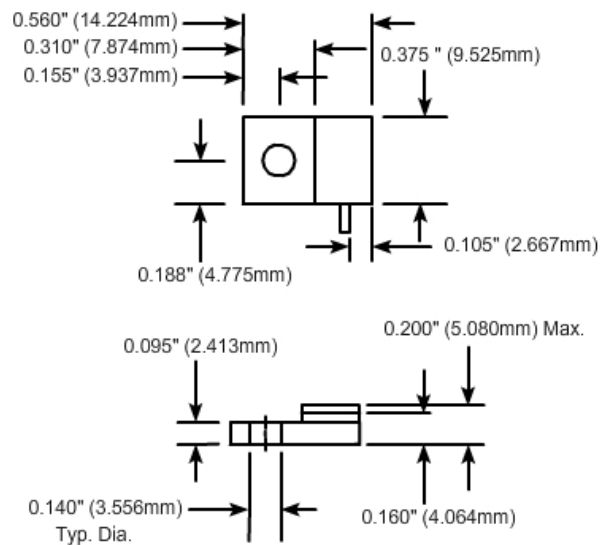
VSWR (Max.):

1.25:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

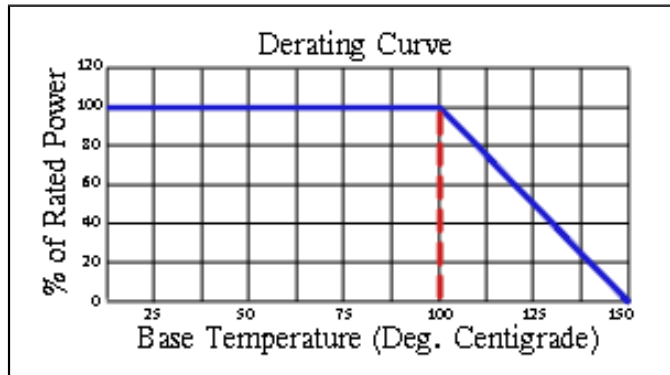
Part Dimensions



Component General, Inc.

P/N: CBT-50-10

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

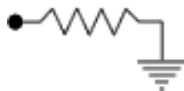
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.040",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

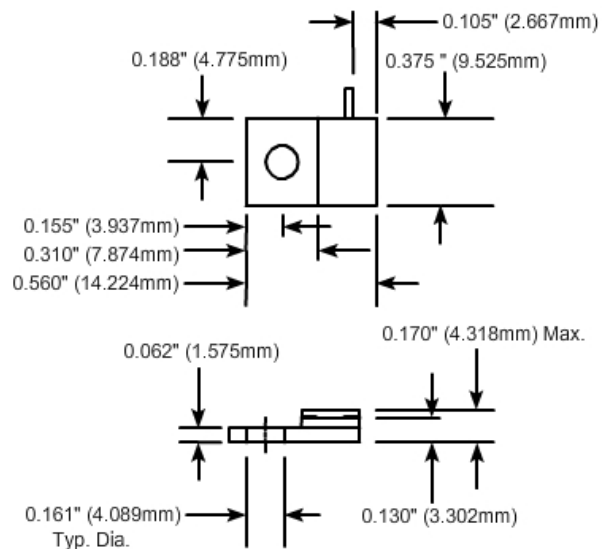
Frequency Range: VSWR (Max.):

DC - 6.0 GHz 1.25:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

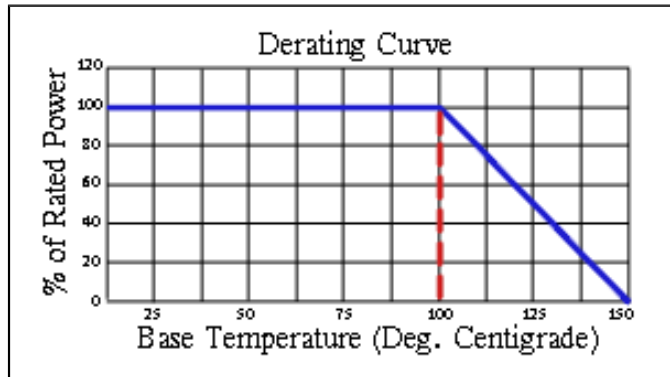
Part Dimensions



Component General, Inc.

P/N: CBT-50-11

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

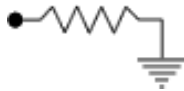
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.040",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

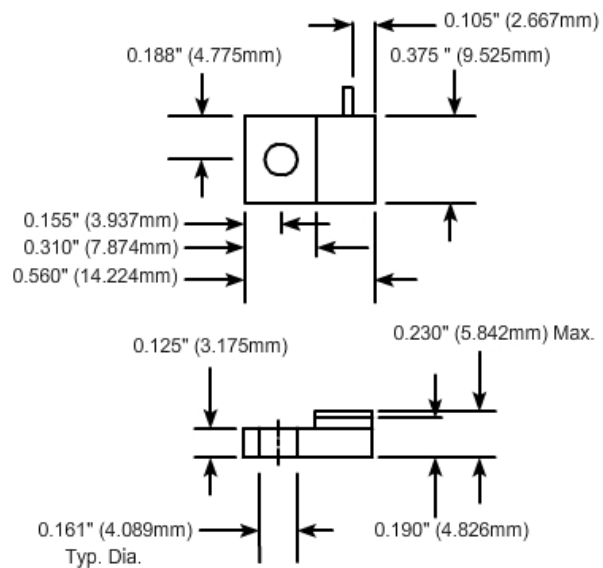
Frequency Range: VSWR (Max.):

DC - 6.0 GHz 1.25:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

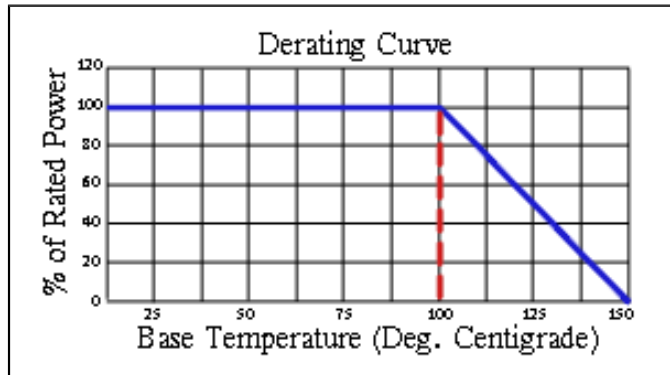
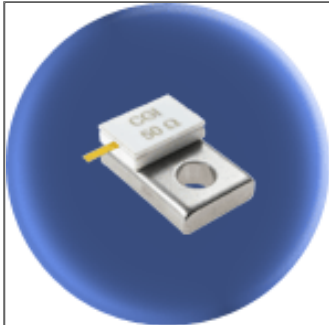
Part Dimensions



Component General, Inc.

P/N: CBT-50-12

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

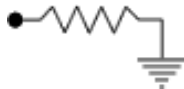
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.040",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - 6.0 GHz

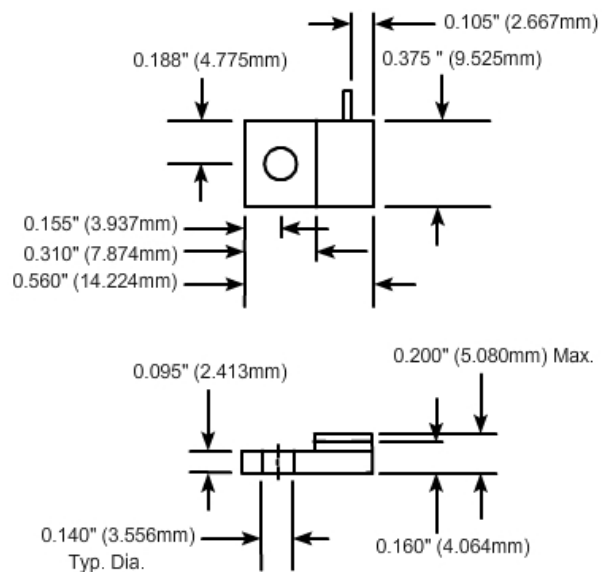
VSWR (Max.):

1.25:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

Part Dimensions



Component General, Inc.

■ Stripline Base Mounted Terminations

■ MECHANICAL SPECIFICATIONS



Heat Sink : Copper, Nickel Plated per QQ-N-290.

Substrate : Beryllium Oxide Ceramic.

Contact : Beryllium Copper, Gold Plated per MIL-G-45204.

Thickness : .004" ± .002".

Cover : Alumina Ceramic.

Tolerance : ± .010" unless specified

2 hole base mounted terminations product selection chart

CGI P/N	Power	Resistance (Ohms)	Standard Tolerance	Frequency Range	VSWR (Max.)
Note: Click a part number from the list below to see a data sheet for that part.					
CBT-10	10 W	50	5 %	DC - 4.0 GHz	1:35:1
CBT-10-5	10 W	50	5 %	DC - 8.0 GHz	1:25:1
CBT-40	40 W	50	5 %	DC - 6.0 GHz	1:25:1
CBT-40-1	40 W	50	5 %	DC - 6.0 GHz	1:25:1
CBT-75	75 W	50	5 %	DC - 1.0 GHz 1.0 - 1.5 GHz	1:10:1 1:35.1
CBT-80	80 W	50	5 %	DC - 6.0 GHz	1:25:1
CBT-125	125 W	50	5 %	—	1:20:1 1:35.1
CBT-150	150 W	50	5 %	DC - .5 GHz .5 - 1.0 GHz	1:20:1 1:35.1
CBT-150-1	150 W	50	5 %	DC - 2.0 GHz	1:25:1
CBT-150-2	150 W	50	5 %	DC - .5 GHz .5 - 1.0 GHz	1:20:1 1:35.1
CBT-150-3	150 W	50	5 %	DC - 2.0 GHz	1:25:1
CBT-150-4	150 W	50	5 %	DC - 2.0 GHz	1:25:1
CBT-150-5	150 W	50	5 %	—	1:20:1 1:35.1

Component General, Inc.

■ Stripline Base Mounted Terminations

■ MECHANICAL SPECIFICATIONS



Heat Sink : Copper, Nickel Plated per QQ-N-290.

Substrate : Beryllium Oxide Ceramic.

Contact : Beryllium Copper, Gold Plated per MIL-G-45204.

Thickness : .004" ± .002".

Cover : Alumina Ceramic.

Tolerance : ± .010" unless specified

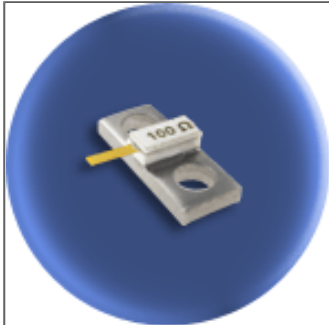
2 hole base mounted terminations product selection chart

CGI P/N	Power	Resistance (Ohms)	Standard Tolerance	Frequency Range	VSWR (Max.)
Note: Click a part number from the list below to see a data sheet for that part.					
CBT-250	250 W	50	5 %	DC - 1.0 GHz 1.0 - 1.5 GHz	1:20:1 1:35.1
CBT-250-1	250 W	50	5 %	DC - 1.0 GHz	1:25:1
CBT-250-2	250 W	50	5 %	DC - .5 GHz .5 - 2.5 GHz	1:10:1 1:35.1
CBT-250-4	250 W	50	5 %	DC - 2.0 GHz 2.0 - 2.4 GHz	1:10:1 1:20.1
CBT-250-5	250 W	50	5 %	DC - 2.0 GHz 2.0 - 2.4 GHz	1:10:1 1:20.1
CBT-370	370 W	50	5 %	DC - .75 GHz	1:35.1
CBT-400	400 W	50	5 %	DC - .5 GHz .5 - .75 GHz	1:25:1 1:35.1

Component General, Inc.

P/N: CBT-10

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

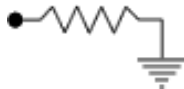
Beryllium Copper, Gold Plated per MIL-G-45204. Length: 0.125" Min., Width: 0.040", Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - 4.0 GHz

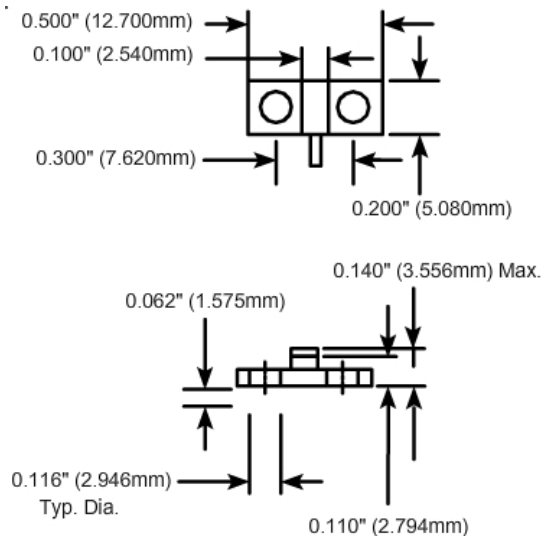
VSWR (Max.):

1.35:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

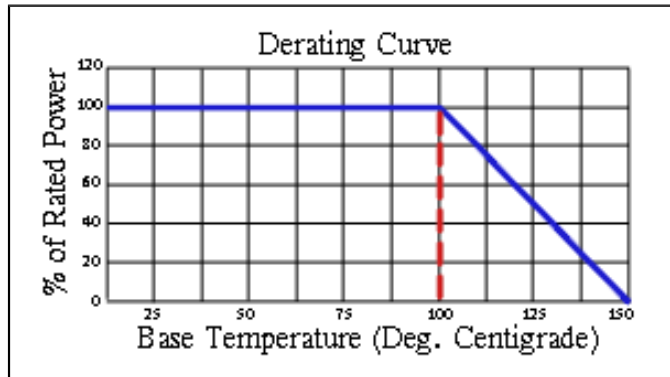
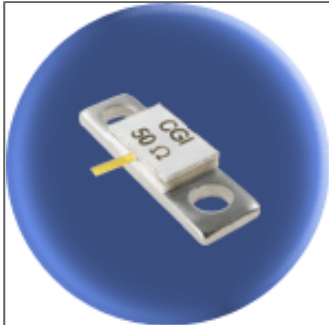
Part Dimensions



Component General, Inc.

P/N: CBT-40

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

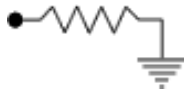
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.040",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - 6.0 GHz

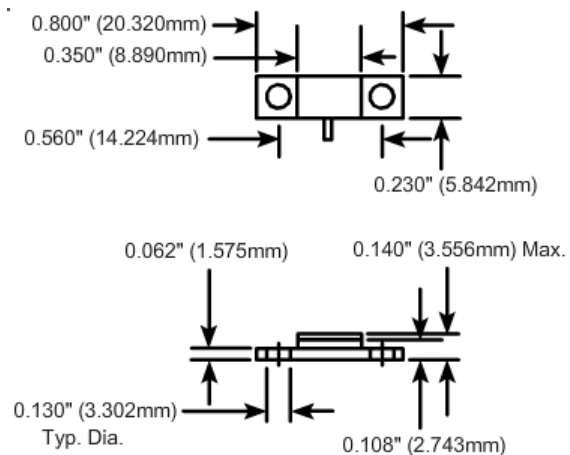
VSWR (Max.):

1.25:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

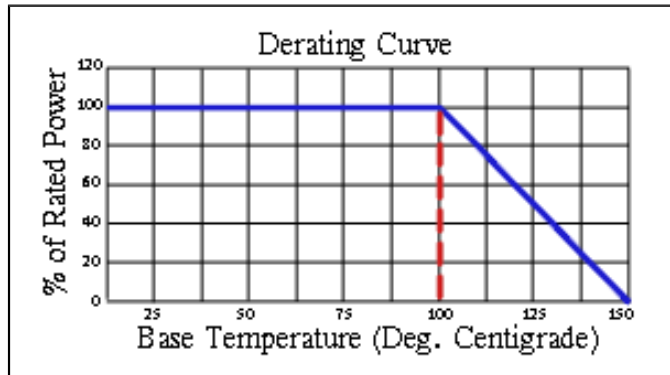
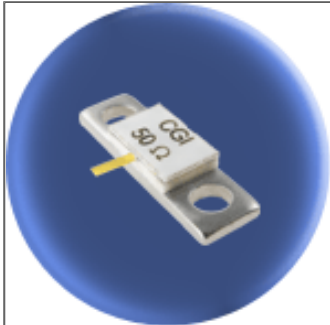
Part Dimensions



Component General, Inc.

P/N: CBT-40-1

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

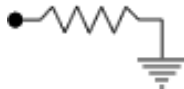
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.040",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - 6.0 GHz

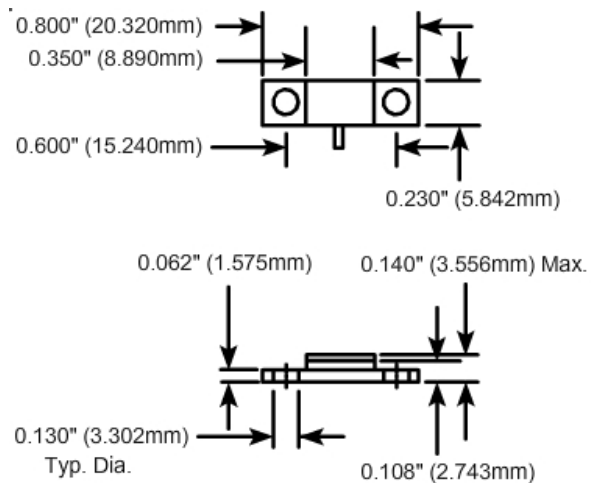
VSWR (Max.):

1.25:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

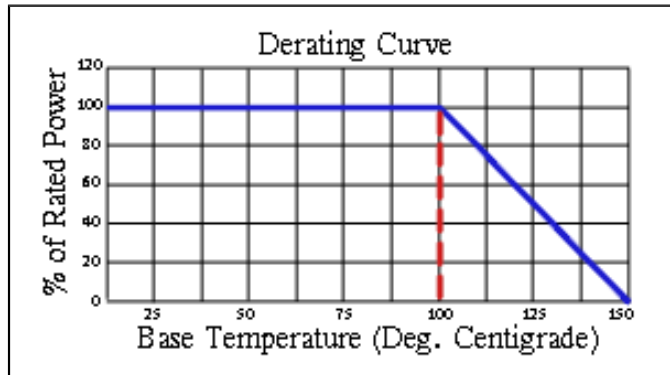
Part Dimensions



Component General, Inc.

P/N: CBT-75

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

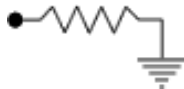
Beryllium Copper, Gold Plated per MIL-G-45204.
Length 0.125" min., Width 0.250"
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - 1.0 GHz
1.0 - 1.5 GHz

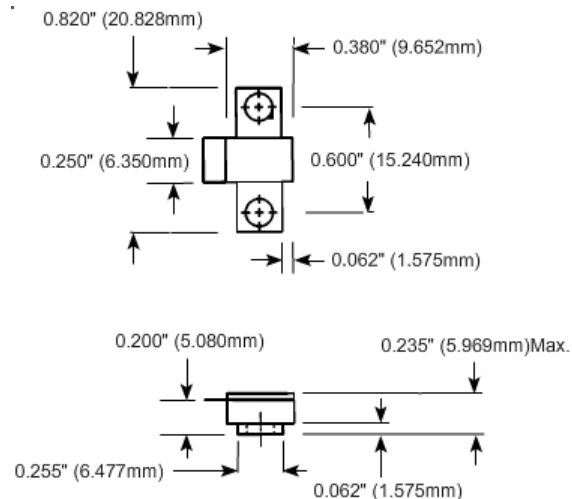
VSWR (Max.):

1.10:1
1.35:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

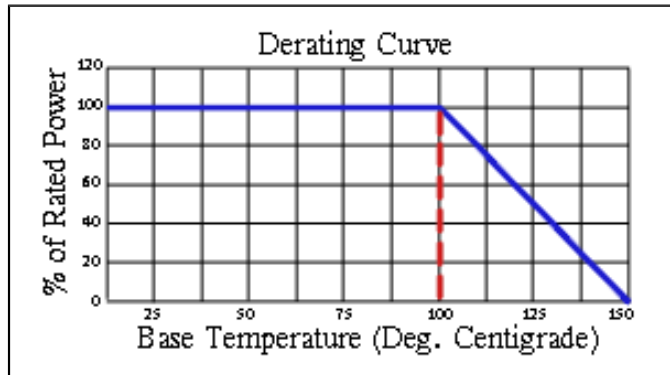
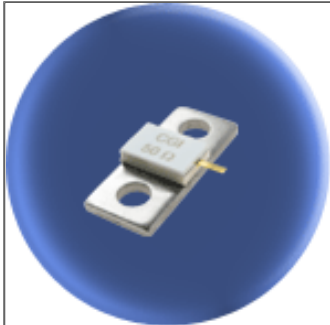
Part Dimensions



Component General, Inc.

P/N: CBT-80

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

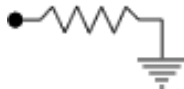
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.040",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - 6.0 GHz

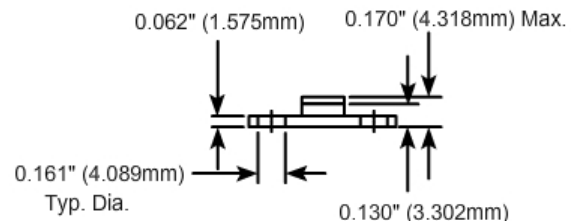
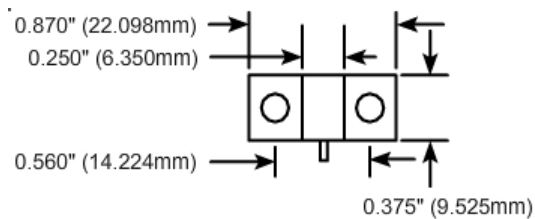
VSWR (Max.):

1.25:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

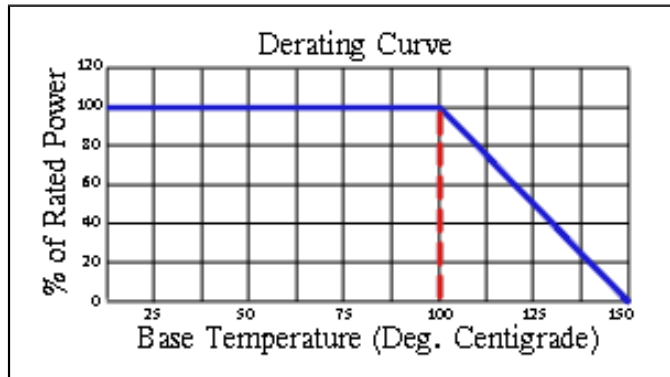
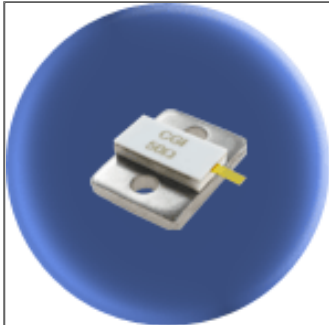
Part Dimensions



Component General, Inc.

P/N: CBT-125

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

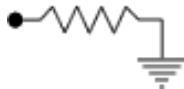
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.060",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - 1.0 GHz
1.0 - 2.0 GHz
2.0 - 3.0 GHz

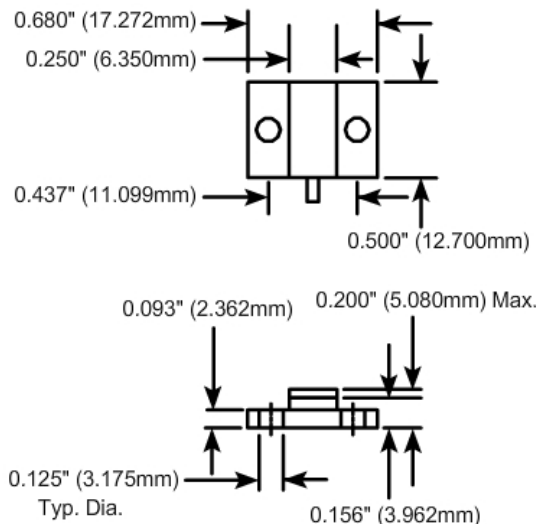
VSWR (Max.):

1.15:1
1.20:1
1.25:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

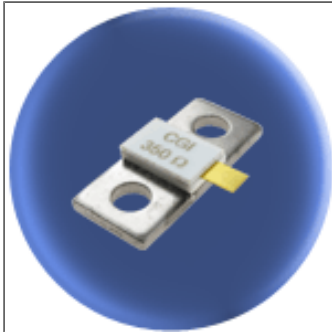
Part Dimensions



Component General, Inc.

P/N: CBT-150

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

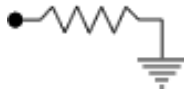
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.120",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - .5 GHz
.5 - 1.0 GHz

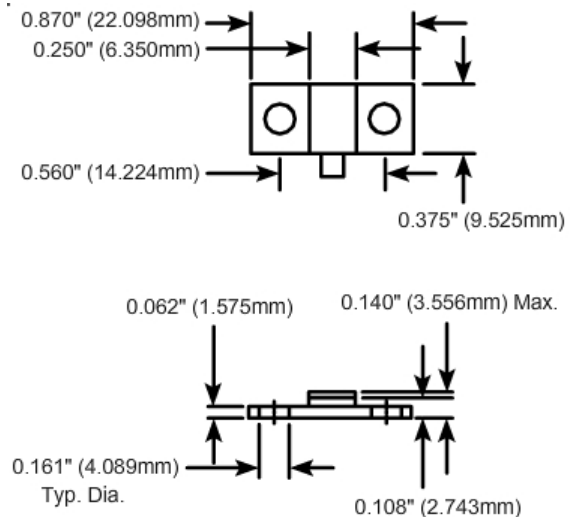
VSWR (Max.):

1.20:1
1.35:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

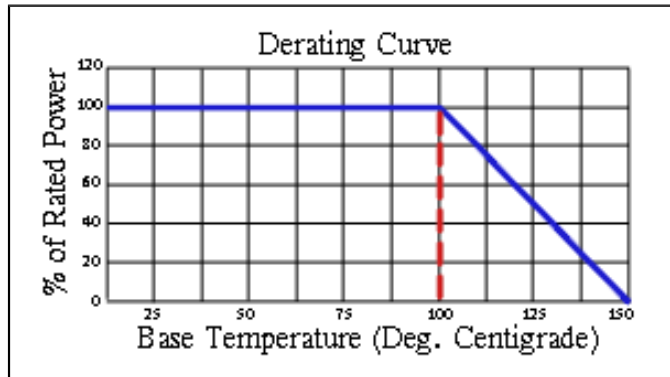
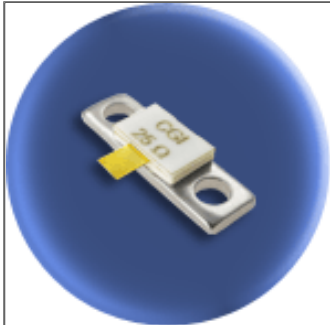
Part Dimensions



Component General, Inc.

P/N: CBT-150-1

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

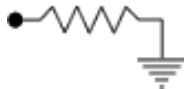
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.120",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - 2.0 GHz

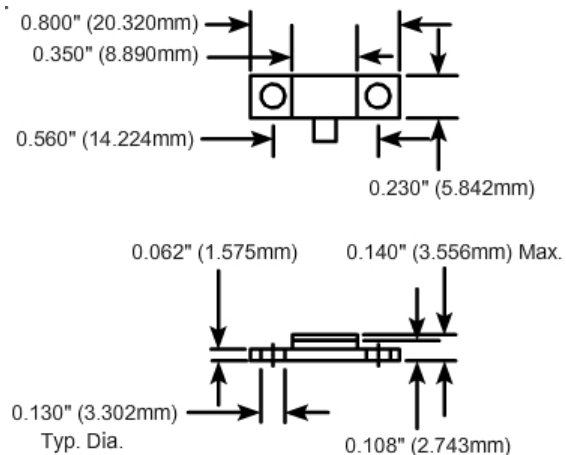
VSWR (Max.):

1.25:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

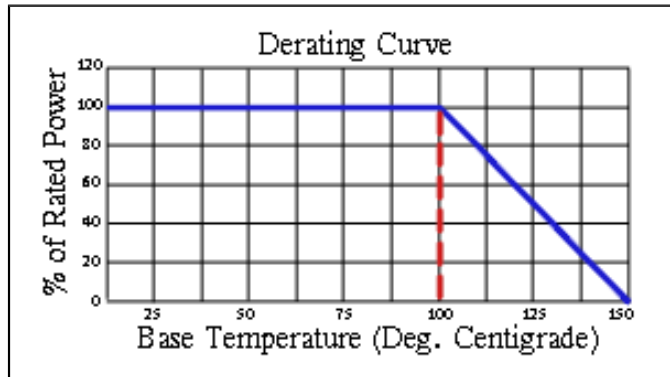
Part Dimensions



Component General, Inc.

P/N: CBT-150-2

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

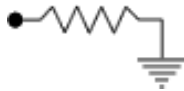
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.120",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - .5 GHz
.5 - 1.0 GHz

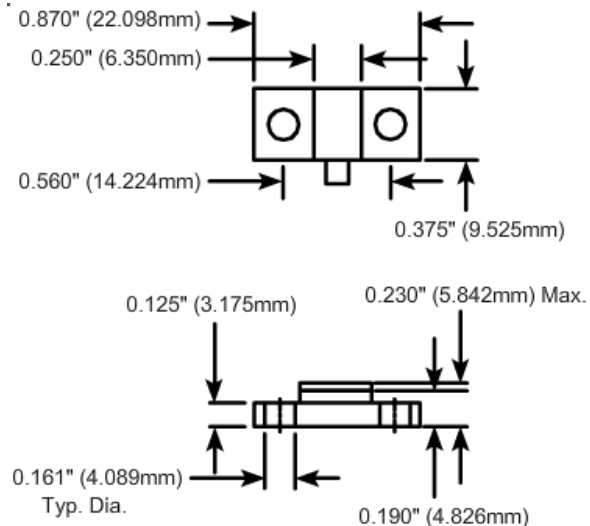
VSWR (Max.):

1.20:1
1.35:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

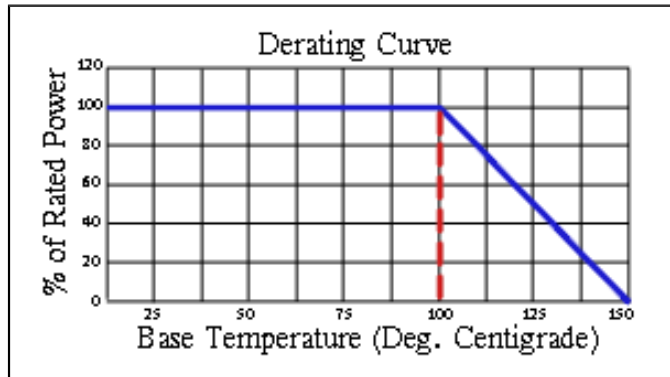
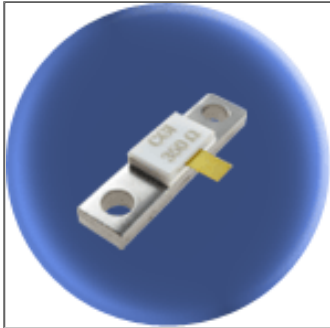
Part Dimensions



Component General, Inc.

P/N: CBT-150-3

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

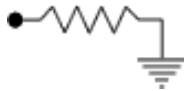
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.120",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - 2.0 GHz

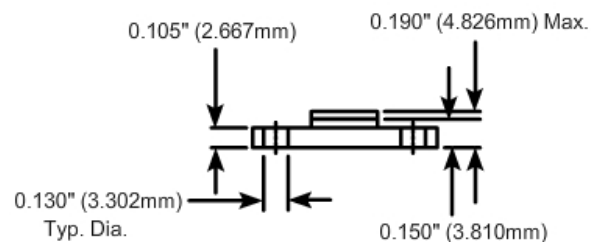
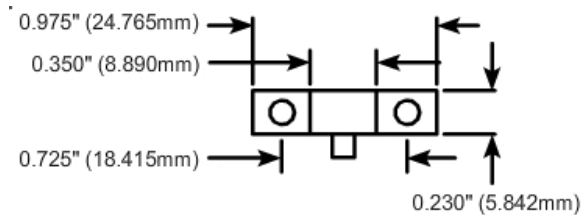
VSWR (Max.):

1.25:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

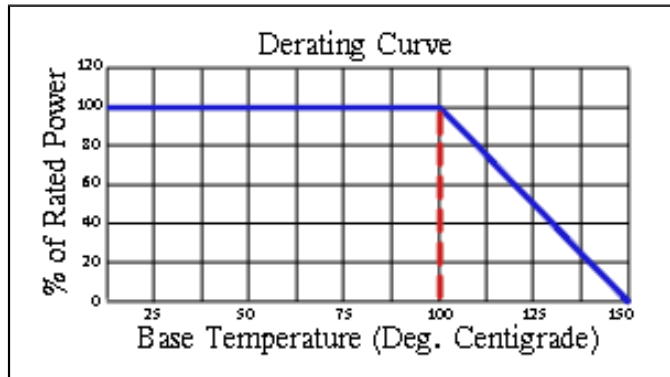
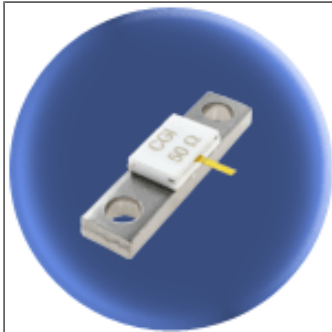
Part Dimensions



Component General, Inc.

P/N: CBT-150-4

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

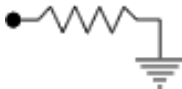
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.040",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - 2.0 GHz

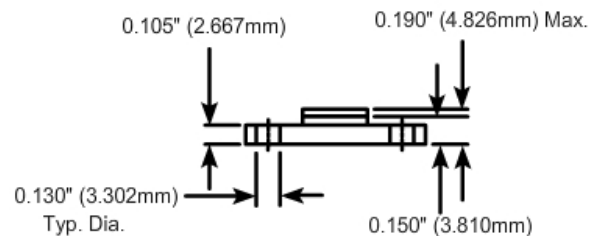
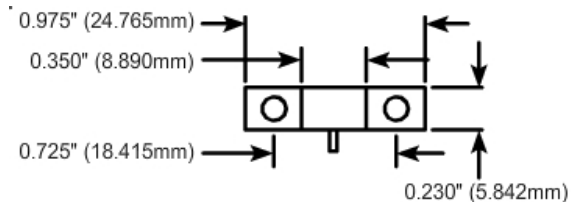
VSWR (Max.):

1.25:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

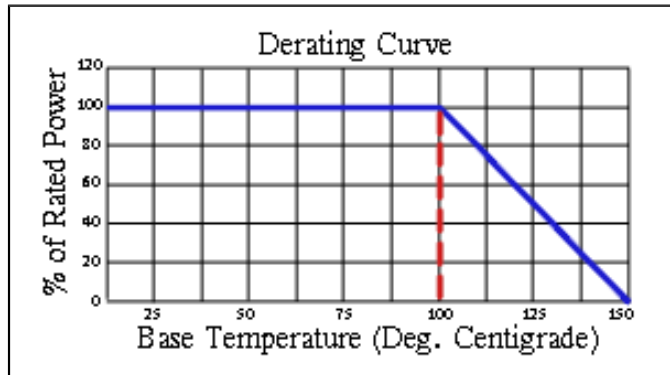
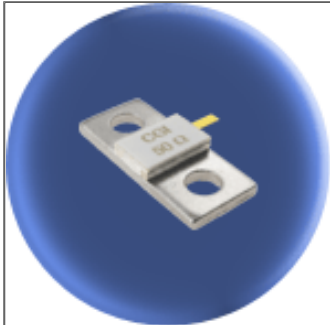
Part Dimensions



Component General, Inc.

P/N: CBT-150-5

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

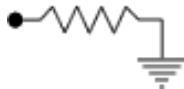
Beryllium Copper, Gold Plated per MIL-G-45204. Length: 0.125" Min., Width: 0.060", Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - 1.0 GHz
1.0 - 2.0 GHz
2.0 - 3.0 GHz

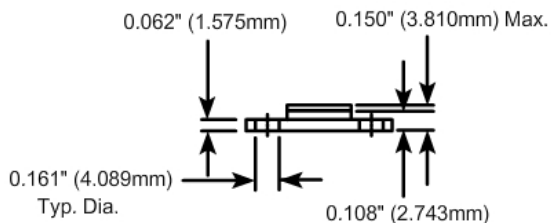
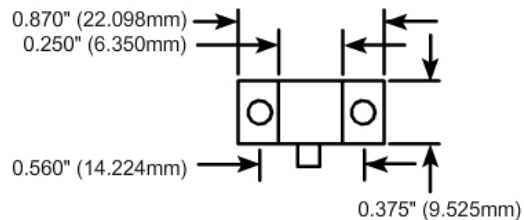
VSWR (Max.):

1.08:1
1.09:1
1.15:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

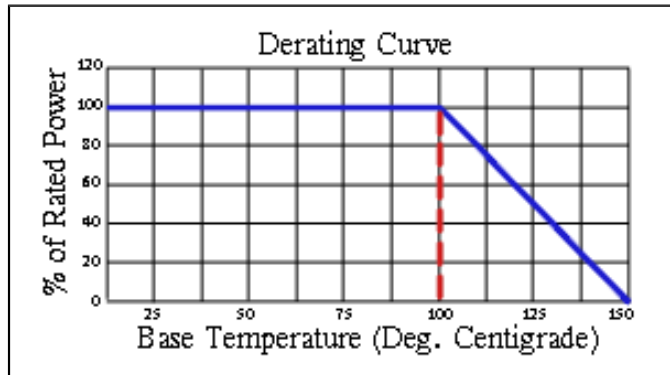
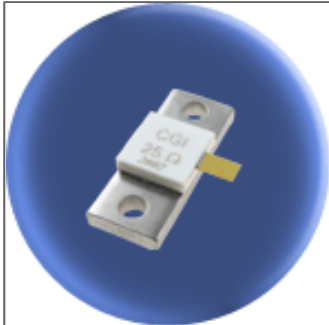
Part Dimensions



Component General, Inc.

P/N: CBT-250

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

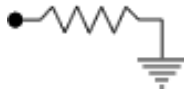
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.120",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - 1.0 GHz
1.0 - 1.5 GHz

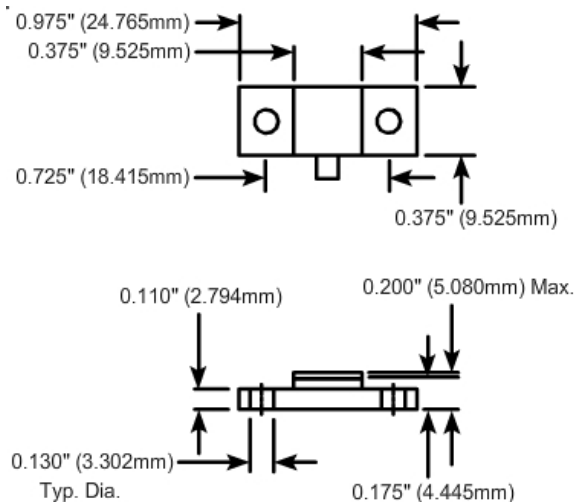
VSWR (Max.):

1.20:1
1.35:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

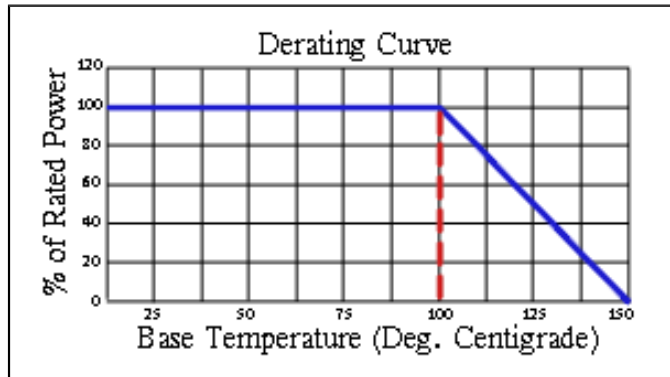
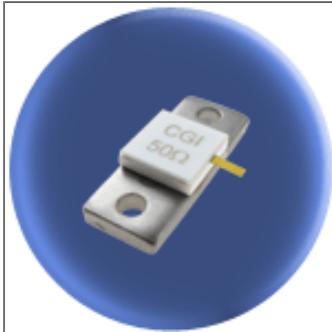
Part Dimensions



Component General, Inc.

P/N: CBT-250-1

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

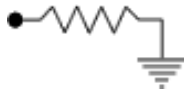
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.060",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - 1.0 GHz

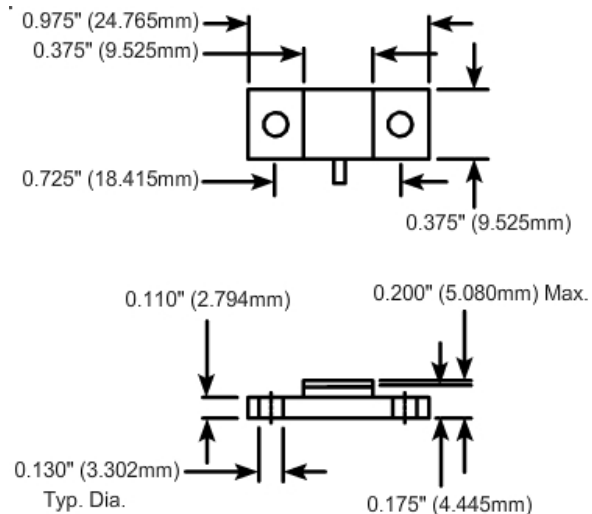
VSWR (Max.):

1.25:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

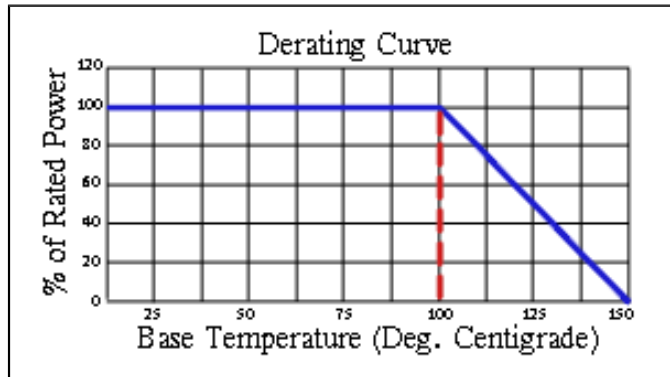
Part Dimensions



Component General, Inc.

P/N: CBT-250-2

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

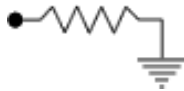
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.120",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - .5 GHz
.5 - 2.5 GHz

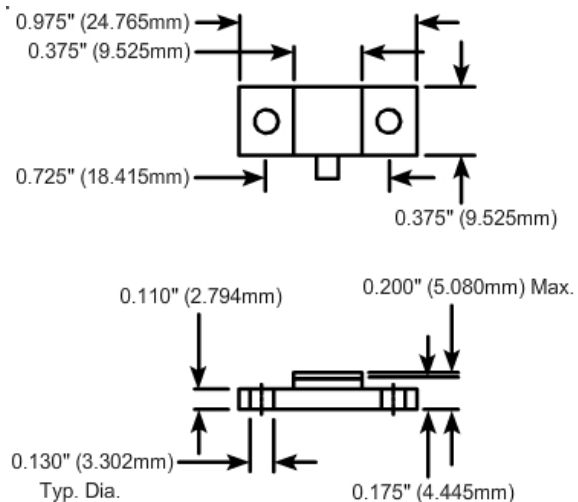
VSWR (Max.):

1.10:1
1.35:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

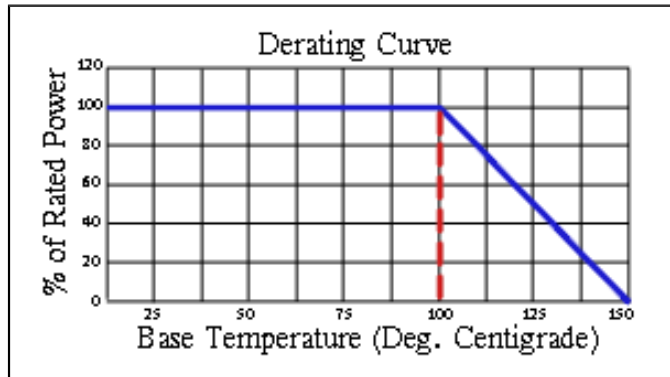
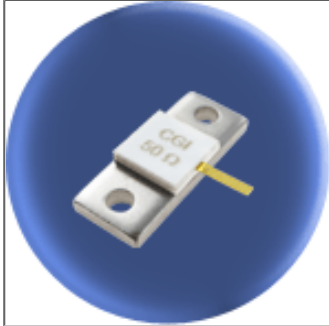
Part Dimensions



Component General, Inc.

P/N: CBT-250-4

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

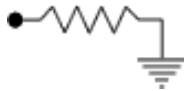
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.200" Min., Width: 0.060",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - 2.0 GHz
2.0 - 2.4 GHz

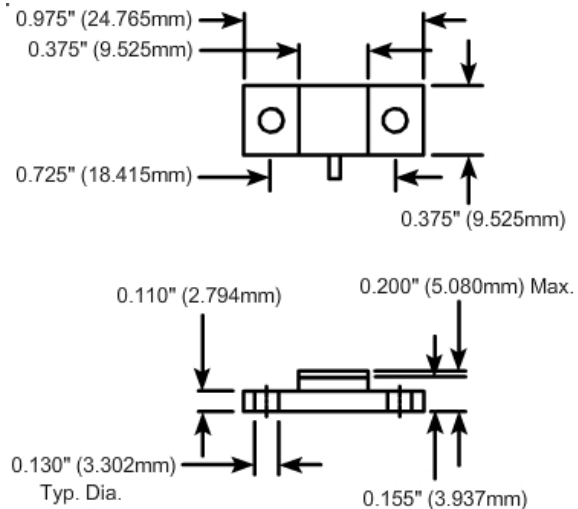
VSWR (Max.):

1.10:1
1.20:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

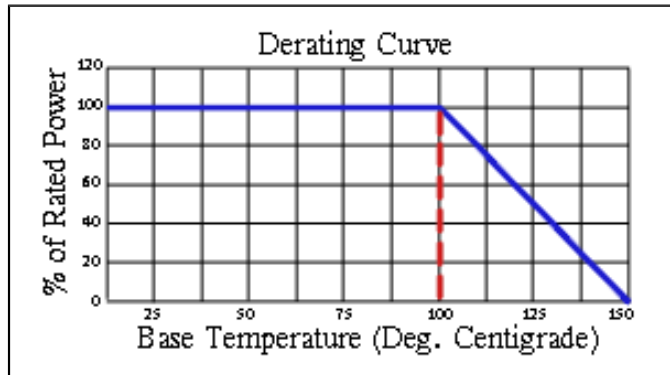
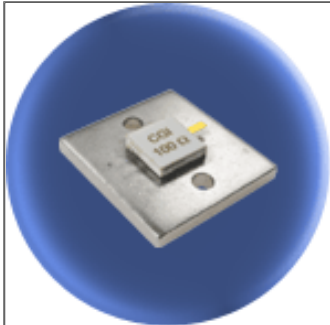
Part Dimensions



Component General, Inc.

P/N: CBT-250-5

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

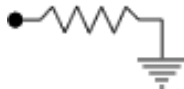
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.200" Min., Width: 0.060",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - 2.0 GHz
2.0 - 2.4 GHz

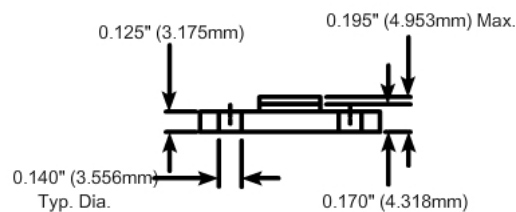
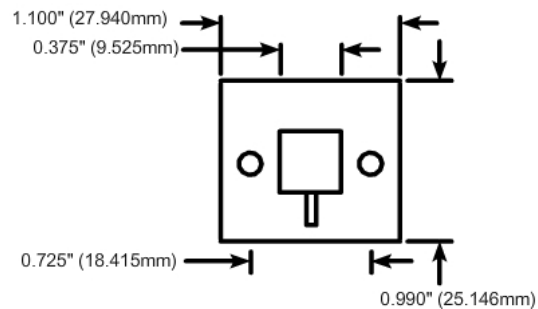
VSWR (Max.):

1.10:1
1.20:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

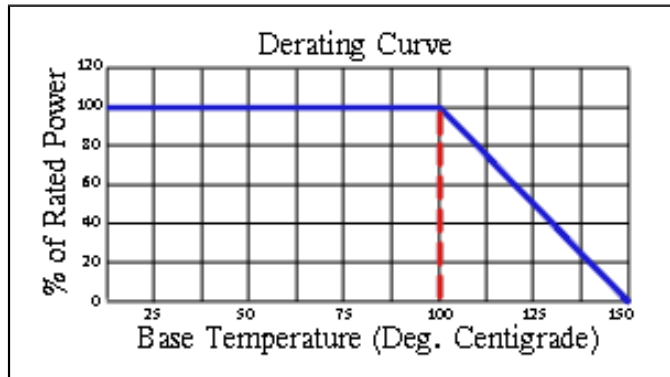
Part Dimensions



Component General, Inc.

P/N: CBT-370

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

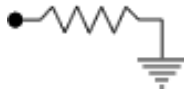
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.120",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - .75 GHz

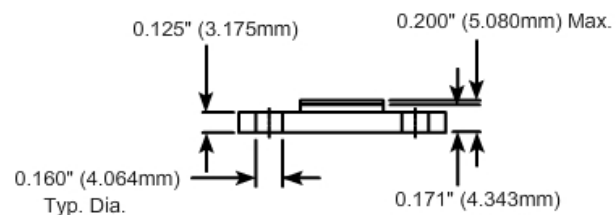
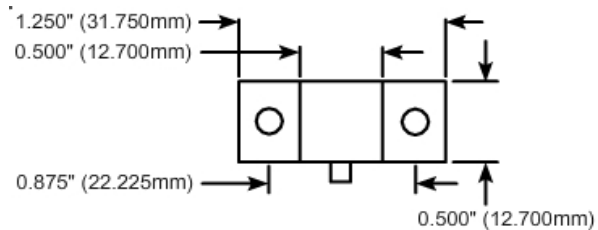
VSWR (Max.):

1.35:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

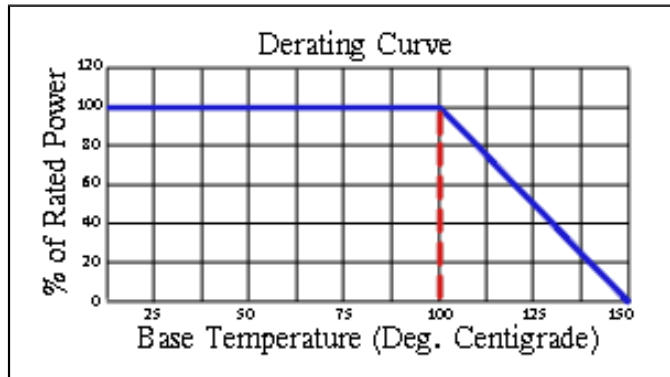
Part Dimensions



Component General, Inc.

P/N: CBT-400

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

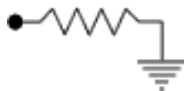
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.250" Min., Width: 0.120",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - .5 GHz
.5 - .75 GHz

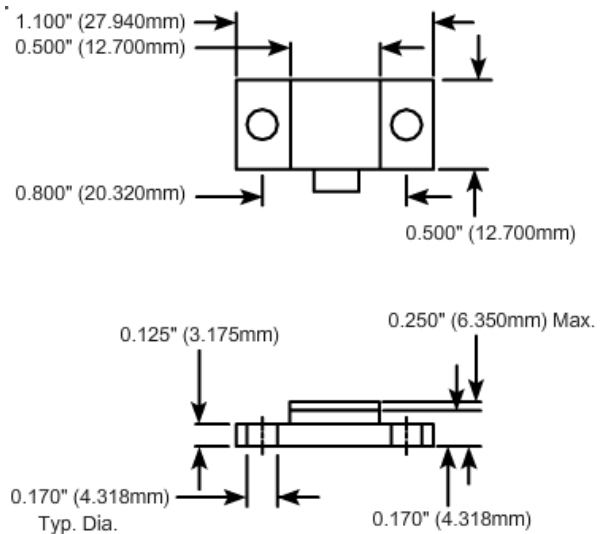
VSWR (Max.):

1.25:1
1.35:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

Part Dimensions



Component General, Inc.

■ Stripline Base Mounted Terminations

■ MECHANICAL SPECIFICATIONS



Heat Sink : Copper, Nickel Plated per QQ-N-290.

Substrate : Beryllium Oxide Ceramic.

Contact : Beryllium Copper, Gold Plated per MIL-G-45204.

Thickness : .004" ± .002".

Cover : Alumina Ceramic.

Tolerance : ± .010" unless specified

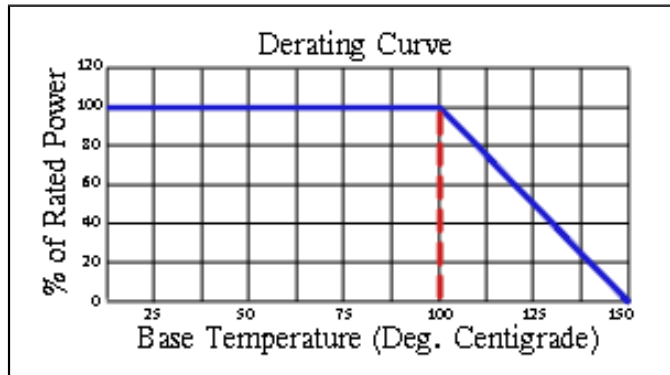
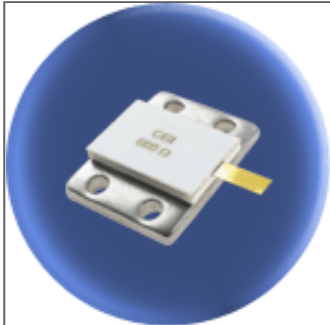
4 hole base mounted terminations product selection chart

CGI P/N	Power	Resistance (Ohms)	Standard Tolerance	Frequency Range	VSWR (Max.)
Note: Click a part number from the list below to see a data sheet for that part.					
CBT-250-3	250 W	10 - 1000	5 %	DC - .1 GHz .1 - .5 GHz .5 - 1.0 GHz	1:05:1 1.10:1 1.20:1
CBT-700	700 W	10 - 1000	5 %	DC - .5 GHz .5 - .65 GHz .65 - .89 GHz	1:15:1 1.25:1 1.50:1
CBT-800	800 W	10 - 1000	5 %	DC - .2 GHz .2 - .5 GHz	1:25:1 1.50:1

Component General, Inc.

P/N: CBT-250-3

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

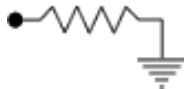
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.300" Min., Width: 0.120",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - .1 GHz
.1 - .5 GHz
.5 - 1.0 GHz

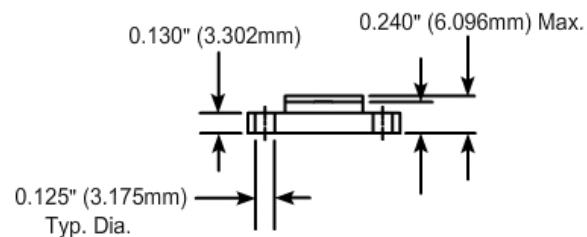
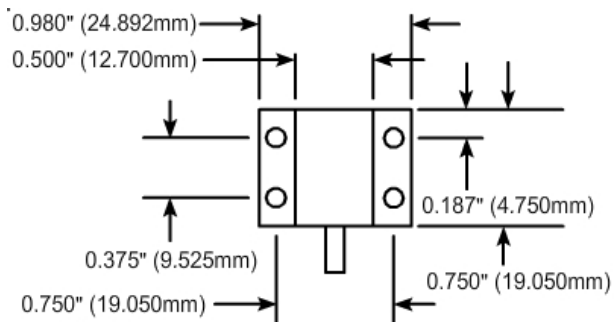
VSWR (Max.):

1.05:1
1.10:1
1.20:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

Part Dimensions

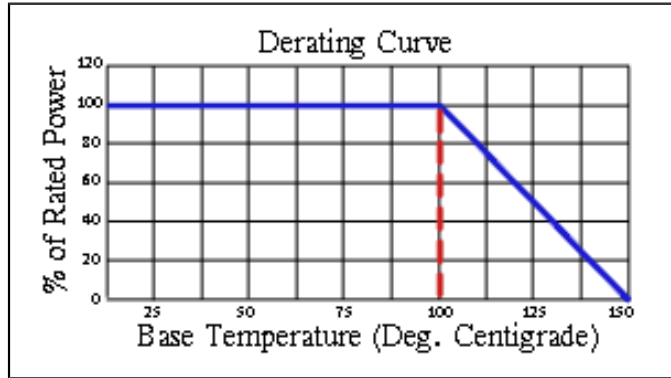
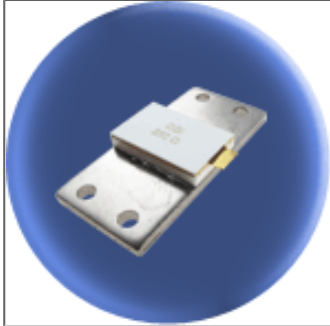


Note: The use of thermal mounting compound is recommended.

Component General, Inc.

P/N: CBT-700

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

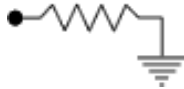
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.250",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - .5 GHz
.5 - .65 GHz
.65 - .89 GHz

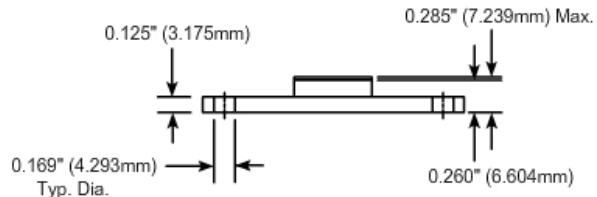
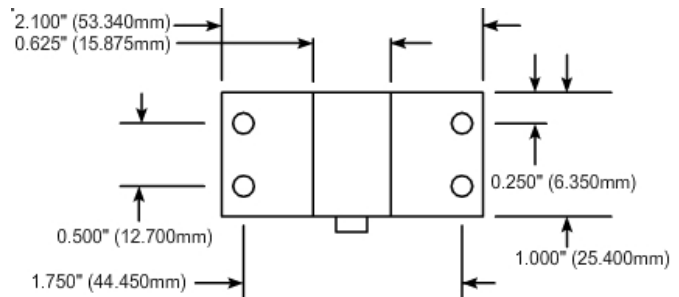
VSWR (Max.):

1.15:1
1.25:1
1.50:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

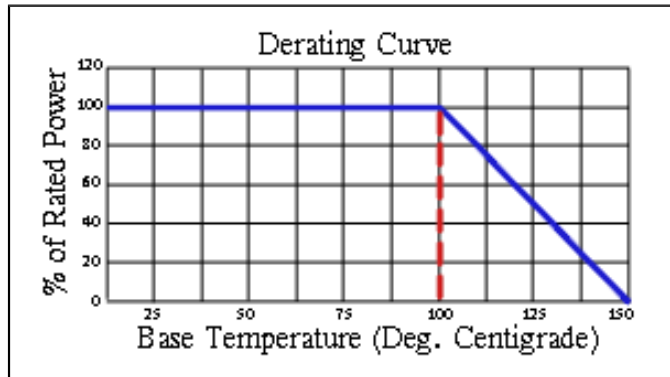
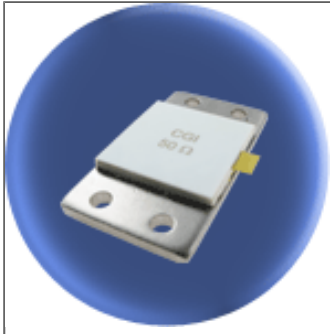
Part Dimensions



Component General, Inc.

P/N: CBT-800

Stripline Base Mounted Terminations



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

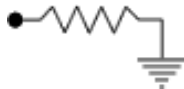
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.250",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Frequency Range:

DC - .2 GHz
.2 - .5 GHz

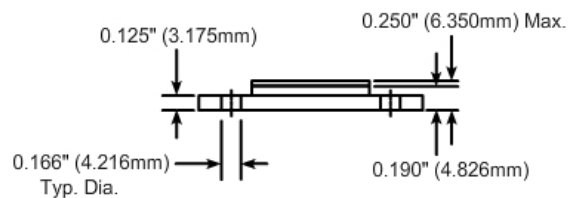
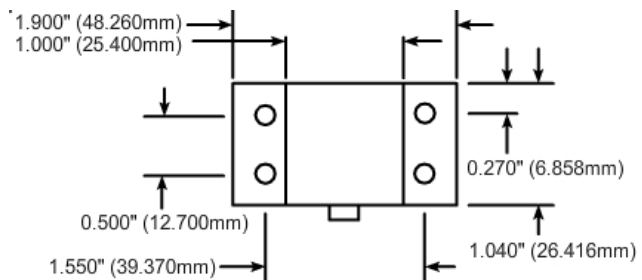
VSWR (Max.):

1.25:1
1.50:1

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

Part Dimensions



■ Stripline Base Mounted Resistors

■ MECHANICAL SPECIFICATIONS



Heat Sink : Copper, Nickel Plated per QQ-N-290.
 Substrate : Beryllium Oxide Ceramic.
 Contact : Beryllium Copper, Gold Plated per MIL-G-45204.
 Thickness : 0.004" ± 0.002".
 Cover : Alumina Ceramic.
 Tolerance : ± 0.010" unless specified

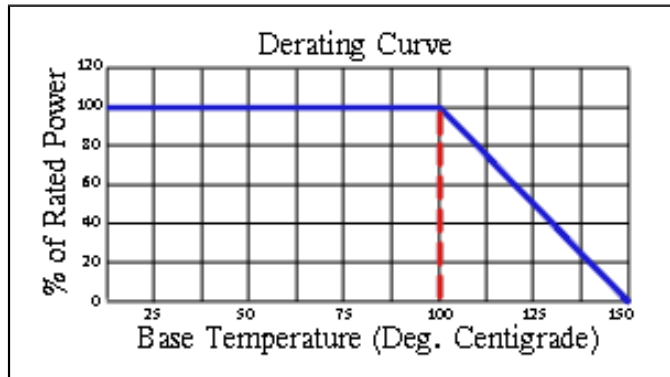
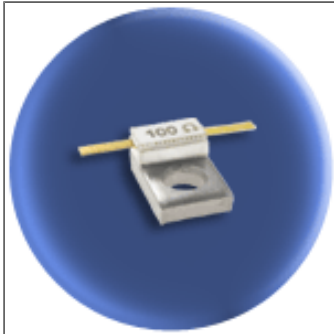
1 hole base mounted resistors product selection chart

CGI P/N	Power	Resistance (Ohms)	Frequency Range	Standard Tolerance
Note: Click a part number from the list below to see a data sheet for that part.				
CBR-10-1	10 W	10 - 1000	DC - 4.0 GHz	5 %
CBR-20-1	20 W	10 - 1000	DC - 1.0 GHz 1.0 - 2.0 GHz	2 %
CBR-20-2	20 W	10 - 1000	DC - 1.0 GHz 1.0 - 2.0 GHz	2 %
CBR-20-3	20 W	10 - 1000	DC - 1.0 GHz 1.0 - 2.0 GHz	2 %
CBR-50-1	50 W	10 - 1000	DC - .5 GHz .5 - 1.0 GHz	5 %
CBR-50-2	50 W	10 - 1000	DC - .5 GHz .5 - 1.0 GHz	5 %
CBR-50-3	50 W	10 - 1000	DC - .5 GHz .5 - 1.0 GHz	5 %

Component General, Inc.

P/N: CBR-10-1

Stripline Base Mounted Resistors



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

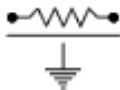
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.040",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

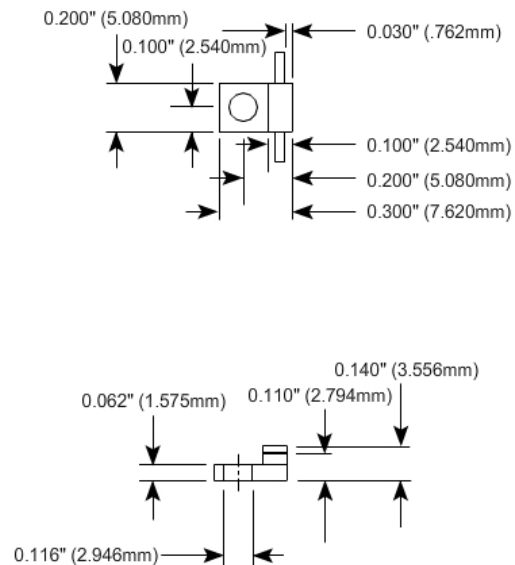
Frequency Range:

DC - 4.0 GHz

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

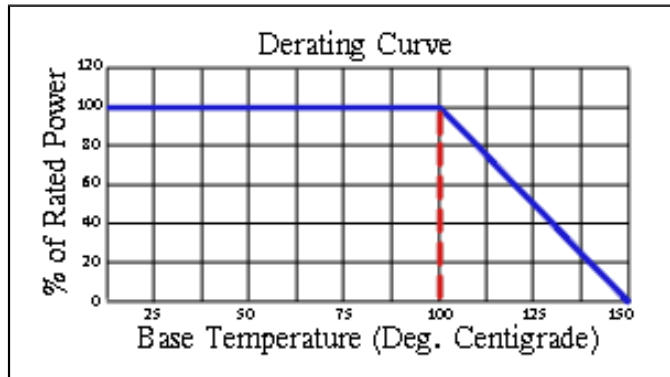
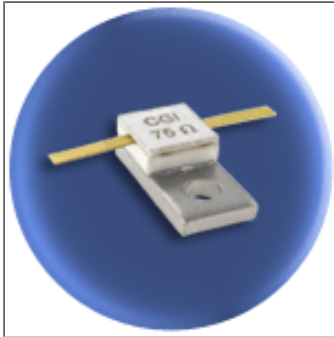
Part Dimensions



Component General, Inc.

P/N: CBR-20-1

Stripline Base Mounted Resistors



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

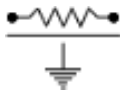
Length: 0.250" Min., Width: 0.060", Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

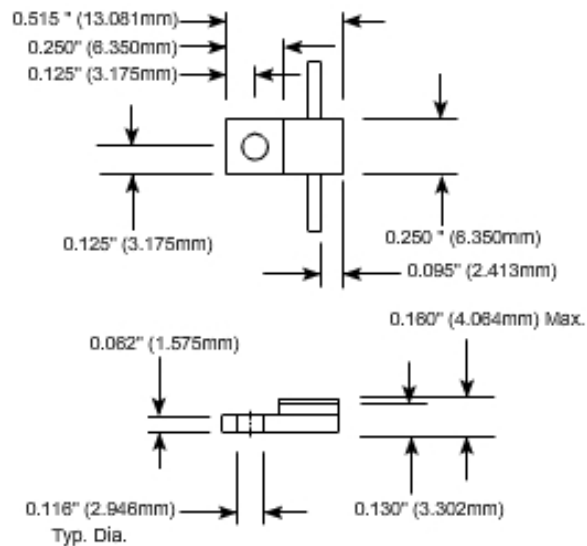
Frequency Range:

DC - 2.0 GHz

Standard Resistance Tolerance:

± 2% Other tolerances available upon request.

Part Dimensions



Component General, Inc.

P/N: CBR-20-2

Stripline Base Mounted Resistors



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

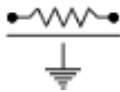
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.250" Min., Width: 0.060",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

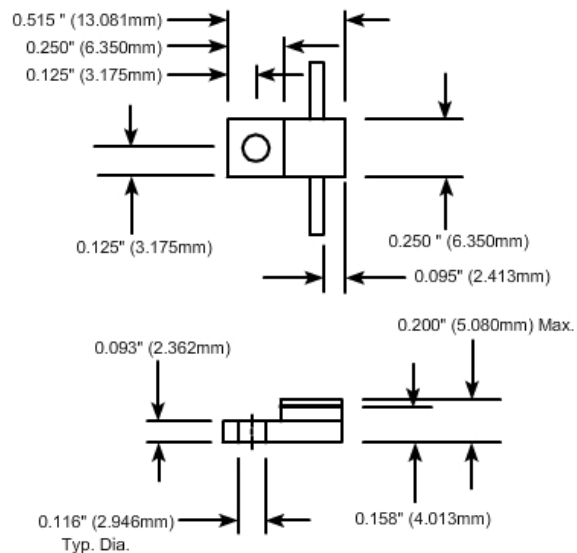
Frequency Range:

DC - 2.0 GHz

Standard Resistance Tolerance:

± 2% Other tolerances available upon request.

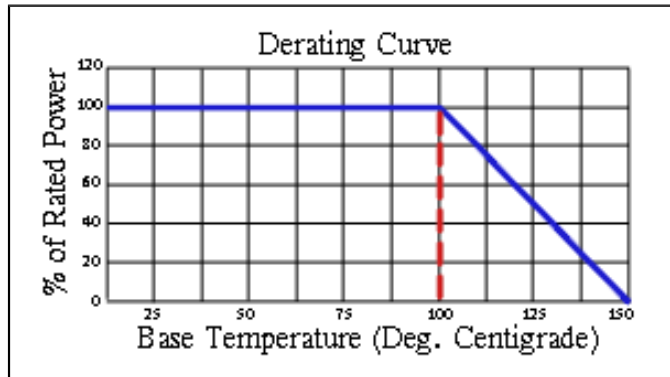
Part Dimensions



Component General, Inc.

P/N: CBR-20-3

Stripline Base Mounted Resistors



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

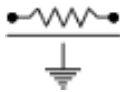
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.250" Min., Width: 0.060",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

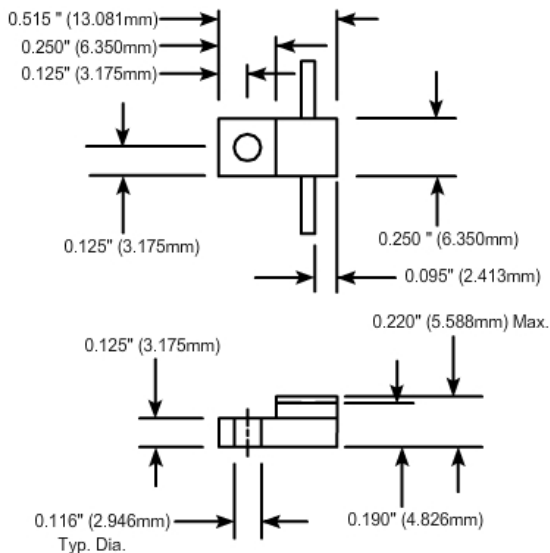
Frequency Range:

DC - 2.0 GHz

Standard Resistance Tolerance:

± 2% Other tolerances available upon request.

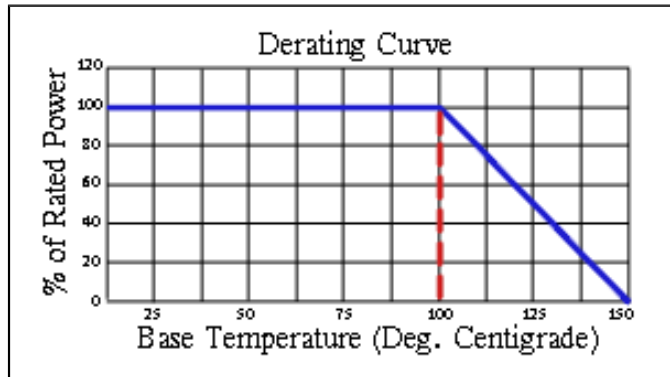
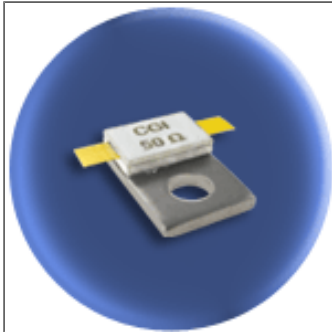
Part Dimensions



Component General, Inc.

P/N: CBR-50-1

Stripline Base Mounted Resistors



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

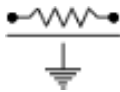
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.120",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

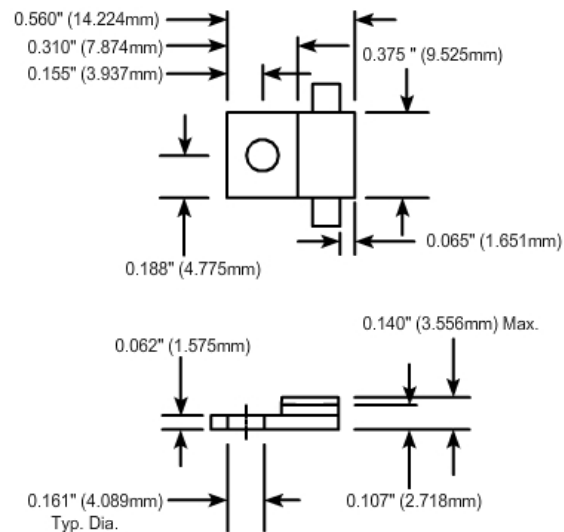
Frequency Range:

DC - 1.0 GHz

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

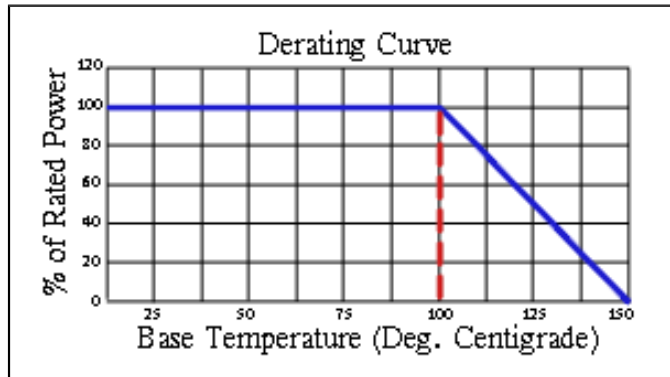
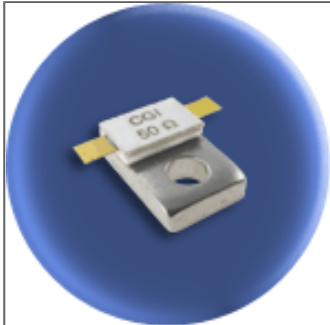
Part Dimensions



Component General, Inc.

P/N: CBR-50-2

Stripline Base Mounted Resistors



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

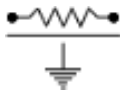
Beryllium Copper, Gold Plated per MIL-G-45204. Length: 0.125" Min., Width: 0.120", Thickness 0.004" \pm 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

\pm 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

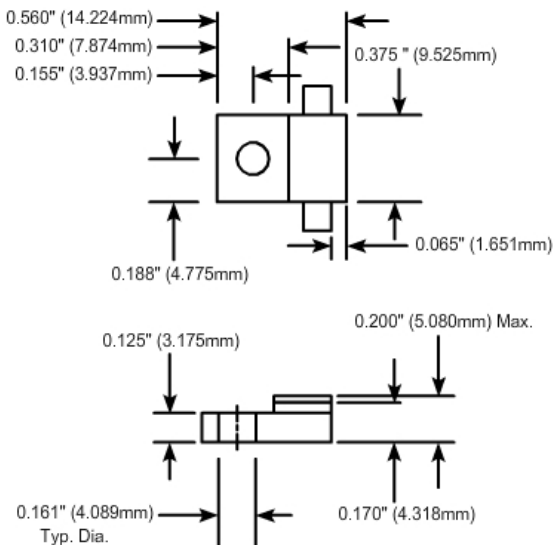
Frequency Range:

DC - 1.0 GHz

Standard Resistance Tolerance:

\pm 5% Other tolerances available upon request.

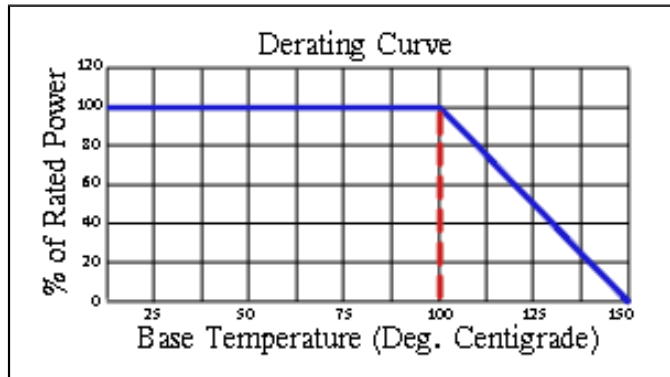
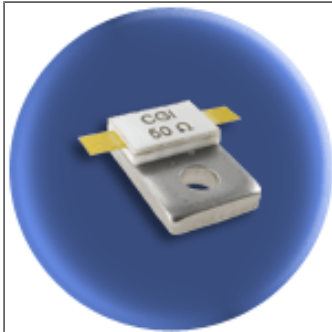
Part Dimensions



Component General, Inc.

P/N: CBR-50-3

Stripline Base Mounted Resistors



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

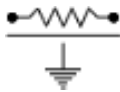
Beryllium Copper, Gold Plated per MIL-G-45204. Length: 0.125" Min., Width: 0.120", Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

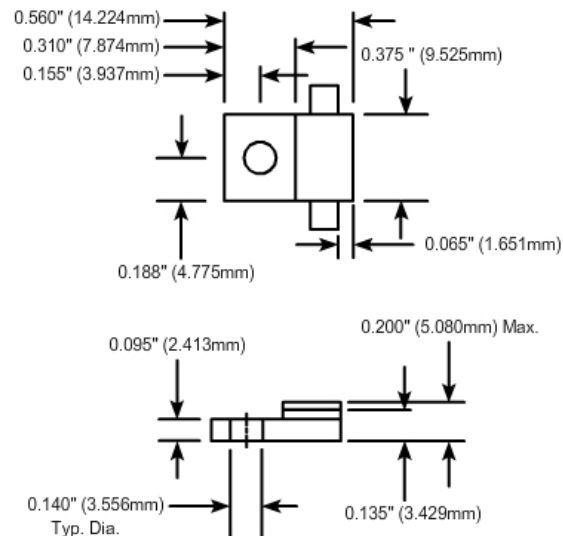
Frequency Range:

DC - 1.0 GHz

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

Part Dimensions



Component General, Inc.

■ Stripline Base Mounted Resistors

■ MECHANICAL SPECIFICATIONS



Heat Sink : Copper, Nickel Plated per QQ-N-290.
 Substrate : Beryllium Oxide Ceramic.
 Contact : Beryllium Copper, Gold Plated per MIL-G-45204.
 Thickness : 0.004" ± 0.002".
 Cover : Alumina Ceramic.
 Tolerance : ± 0.010" unless specified

2 hole base mounted resistors product selection chart

CGI P/N	Power	Resistance (Ohms)	Frequency Range	Standard Tolerance
Note: Click a part number from the list below to see a data sheet for that part.				
CBR-10	10 W	10 - 1000	DC - 4.0 GHz	5 %
CBR-40	40 W	10 - 1000	DC - 6.0 GHz	5 %
CBR-40-1	40 W	10 - 1000	DC - 6.0 GHz	5 %
CBR-75	40 W	10 - 1000	DC - 1.5 GHz	5 %
CBR-125	125 W	10 - 1000	DC - 3.0 GHz	5 %
CBR-150	150 W	10 - 1000	DC - 1.0 GHz	5 %
CBR-150-1	150 W	10 - 1000	DC - 2.0 GHz	5 %
CBR-150-2	150 W	10 - 1000	DC - 1.0 GHz	5 %
CBR-150-3	150 W	10 - 1000	DC - 2.0 GHz	5 %
CBR-150-4	150 W	10 - 1000	DC - 2.0 GHz	5 %
CBR-150-5	150 W	10 - 1000	DC - 1.0 GHz	5 %
CBR-250	250 W	10 - 1000	DC - 1.0 GHz	5 %
CBR-250-1	250 W	10 - 1000	DC - 1.0 GHz	5 %
CBR-250-2	250 W	10 - 1000	DC - 1.0 GHz	5 %

■ Stripline Base Mounted Resistors

■ MECHANICAL SPECIFICATIONS



Heat Sink : Copper, Nickel Plated per QQ-N-290.
 Substrate : Beryllium Oxide Ceramic.
 Contact : Beryllium Copper, Gold Plated per MIL-G-45204.
 Thickness : 0.004" ± 0.002".
 Cover : Alumina Ceramic.
 Tolerance : ± 0.010" unless specified

2 hole base mounted resistors product selection chart

CGI P/N	Power	Resistance (Ohms)	Frequency Range	Standard Tolerance
Note: Click a part number from the list below to see a data sheet for that part.				
CBR-250-4	250 W	10 - 1000	DC - 2.4 GHz	5 %
CBR-250-5	250 W	10 - 1000	DC - 2.4 GHz	5 %
CBR-370	370 W	10 - 1000	DC - .75 GHz	5 %
CBR-400	400 W	10 - 1000	DC - .75 GHz	5 %

Component General, Inc.

P/N: CBR-10

Stripline Base Mounted Resistors



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

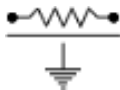
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.040",
Thickness: 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

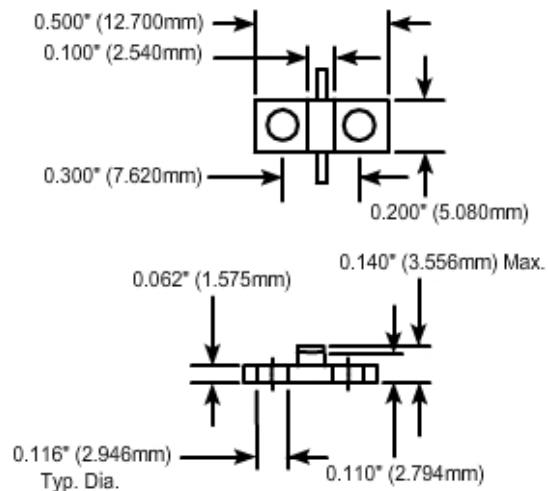
Frequency Range:

DC - 4.0 GHz

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

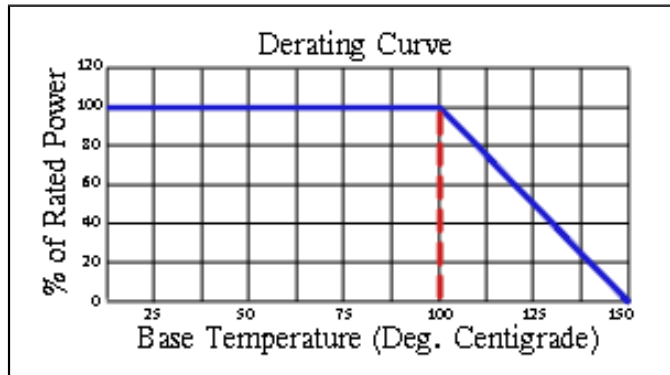
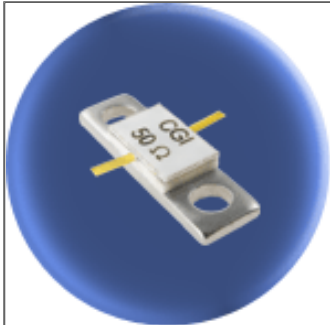
Part Dimensions



Component General, Inc.

P/N: CBR-40

Stripline Base Mounted Resistors



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

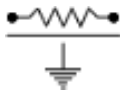
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.040",
Thickness: 0.004" \pm 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

\pm 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

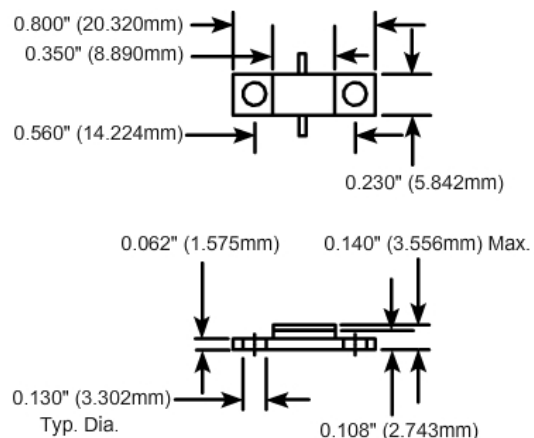
Frequency Range:

DC - 6.0 GHz

Standard Resistance Tolerance:

\pm 5% Other tolerances available upon request.

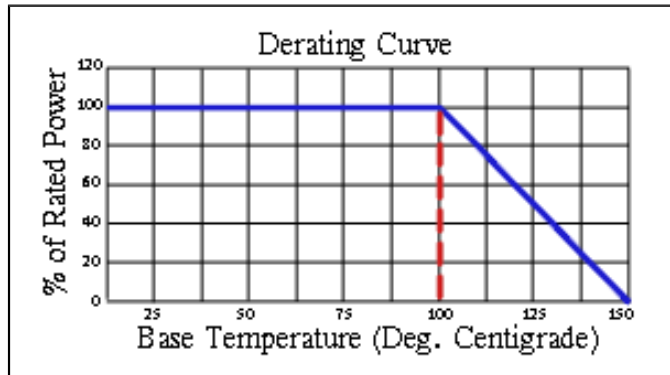
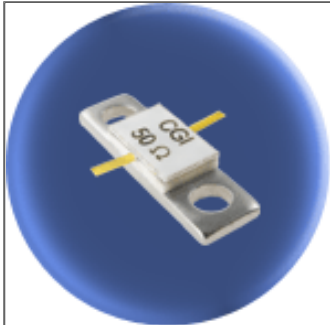
Part Dimensions



Component General, Inc.

P/N: CBR-40-1

Stripline Base Mounted Resistors



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

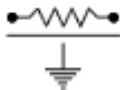
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.040",
Thickness: 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

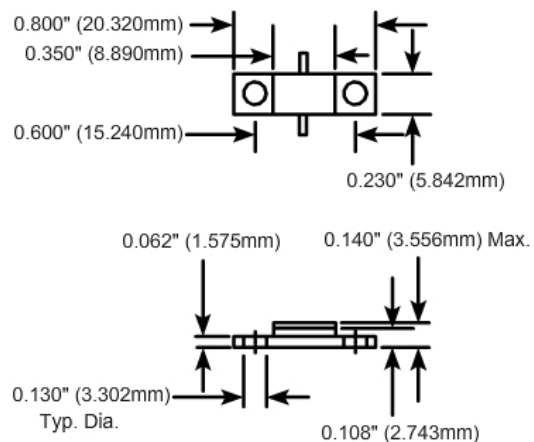
Frequency Range:

DC - 6.0 GHz

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

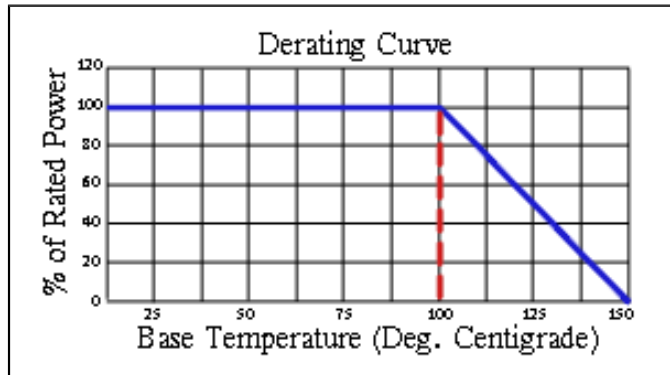
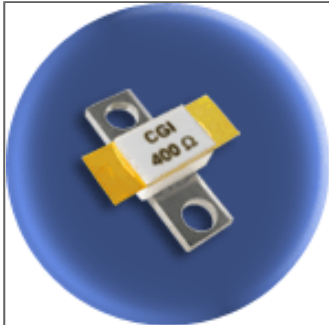
Part Dimensions



Component General, Inc.

P/N: CBR-75

Stripline Base Mounted Resistors



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

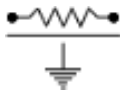
Beryllium Copper, Gold Plated per MIL-G-45204.
Length .125" min., Width 0.250"
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

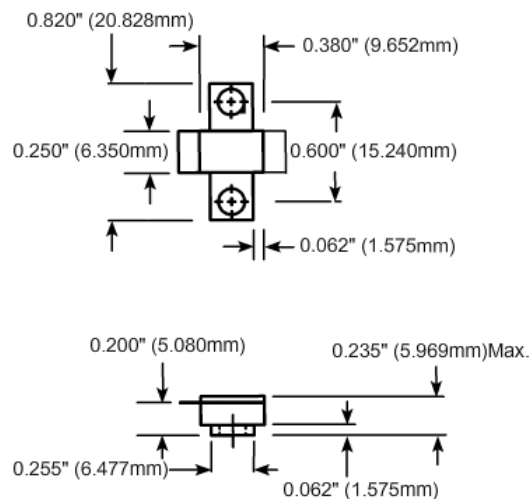
Frequency Range:

DC - 1.5 GHz

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

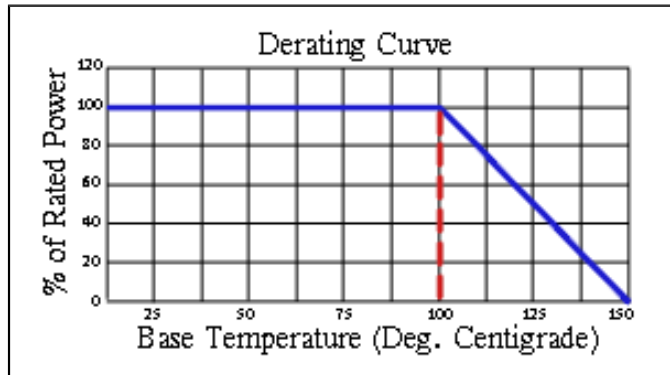
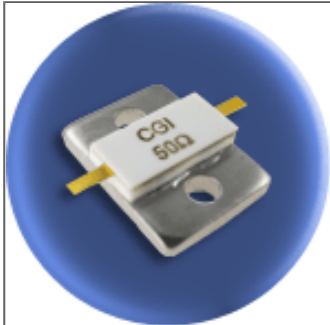
Part Dimensions



Component General, Inc.

P/N: CBR-125

Stripline Base Mounted Resistors



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

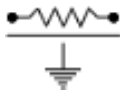
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.060",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

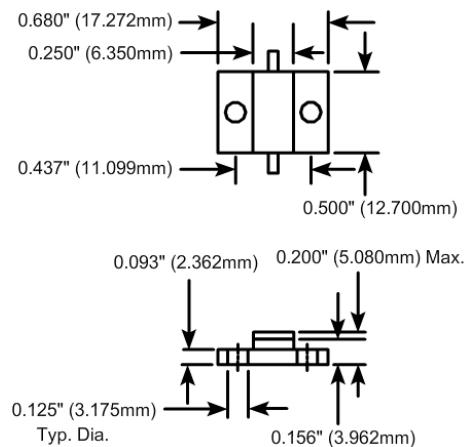
Frequency Range:

DC - 3.0 GHz

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

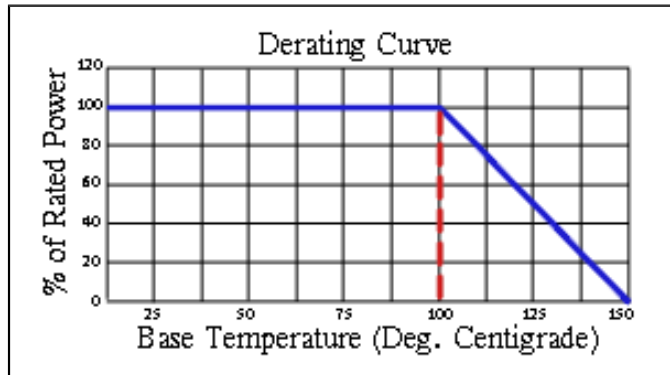
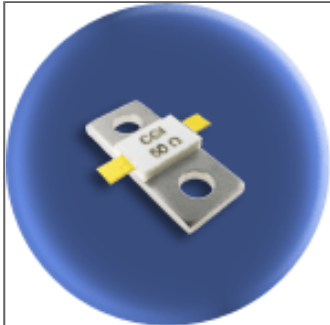
Part Dimensions



Component General, Inc.

P/N: CBR-150

Stripline Base Mounted Resistors



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

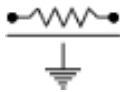
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.120",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

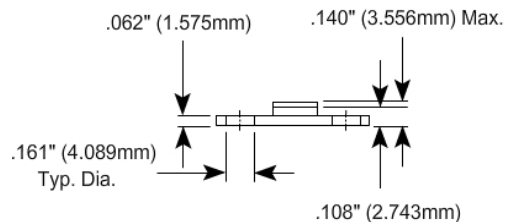
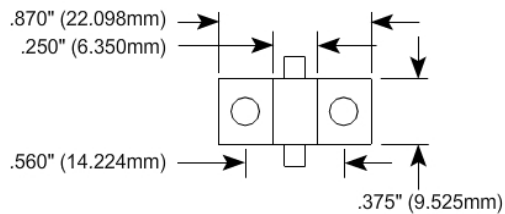
Frequency Range:

DC - 1.0 GHz

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

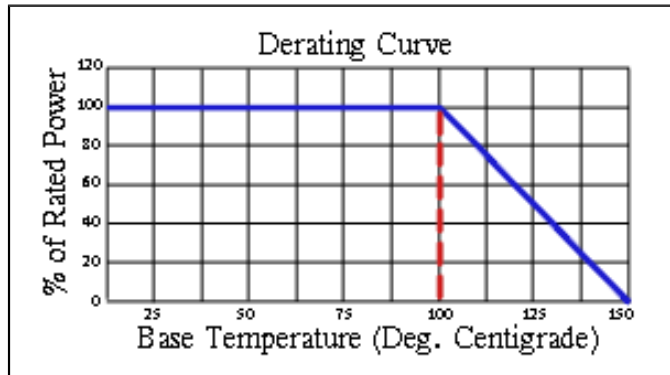
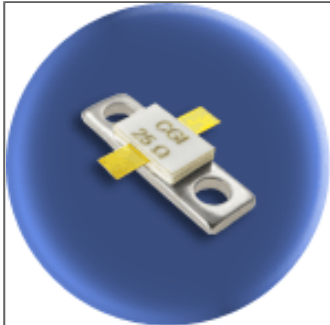
Part Dimensions



Component General, Inc.

P/N: CBR-150-1

Stripline Base Mounted Resistors



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

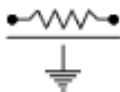
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.120",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

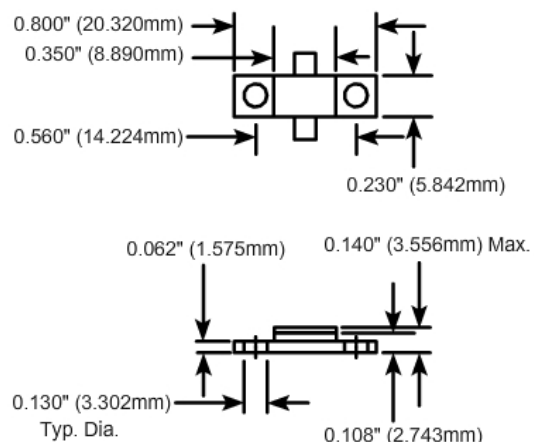
Frequency Range:

DC - 2.0 GHz

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

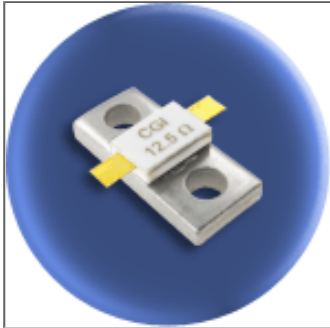
Part Dimensions



Component General, Inc.

P/N: CBR-150-2

Stripline Base Mounted Resistors



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

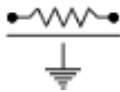
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.120",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

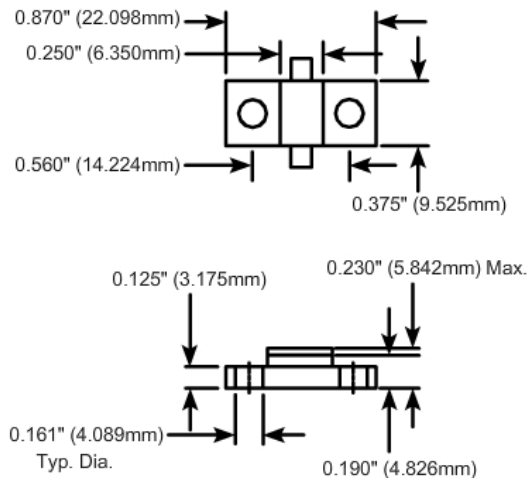
Frequency Range:

DC - 1.0 GHz

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

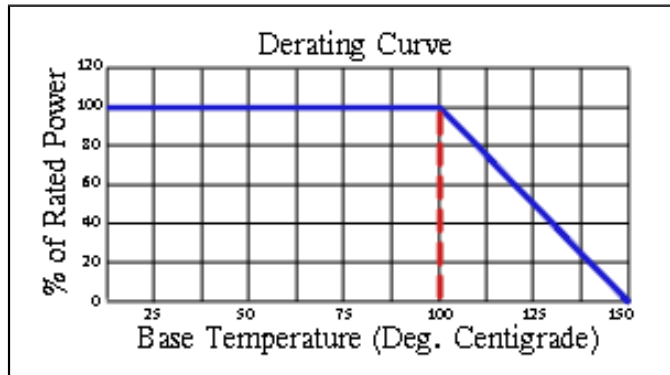
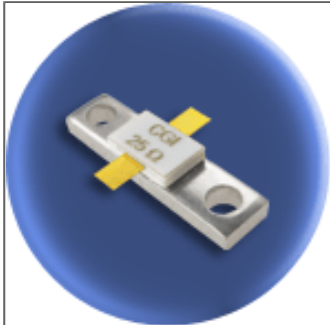
Part Dimensions



Component General, Inc.

P/N: CBR-150-3

Stripline Base Mounted Resistors



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

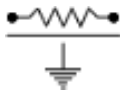
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.120",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

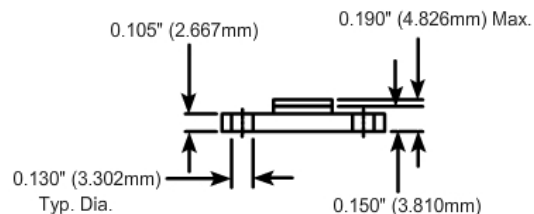
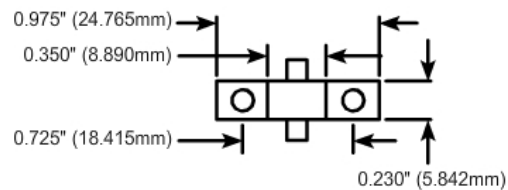
Frequency Range:

DC - 2.0 GHz

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

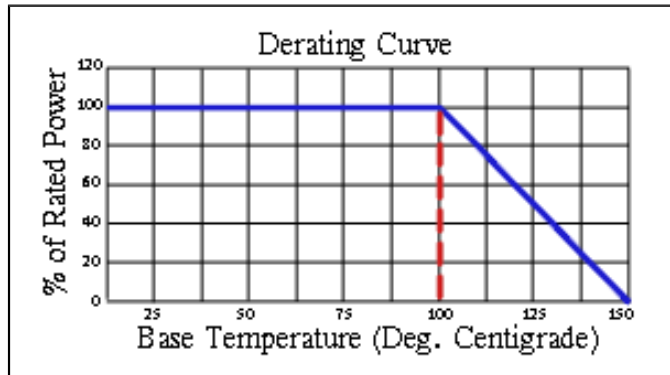
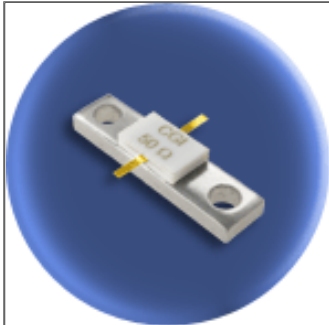
Part Dimensions



Component General, Inc.

P/N: CBR-150-4

Stripline Base Mounted Resistors



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

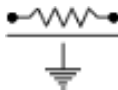
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.040",
Thickness 0.004" \pm 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

\pm 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

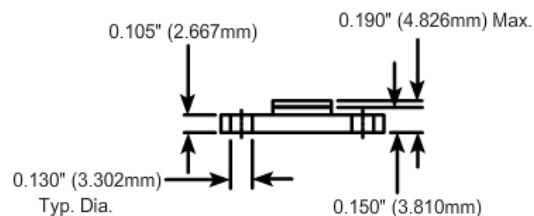
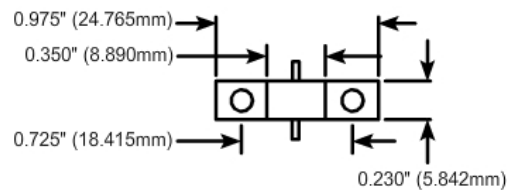
Frequency Range:

DC - 2.0 GHz

Standard Resistance Tolerance:

\pm 5% Other tolerances available upon request.

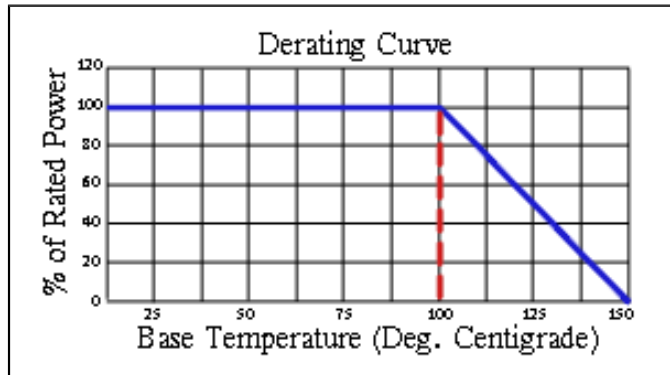
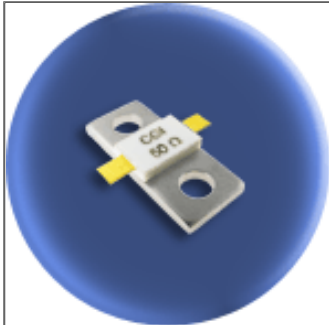
Part Dimensions



Component General, Inc.

P/N: CBR-150-5

Stripline Base Mounted Resistors



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

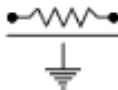
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.060",
Thickness 0.004" \pm 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

\pm 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

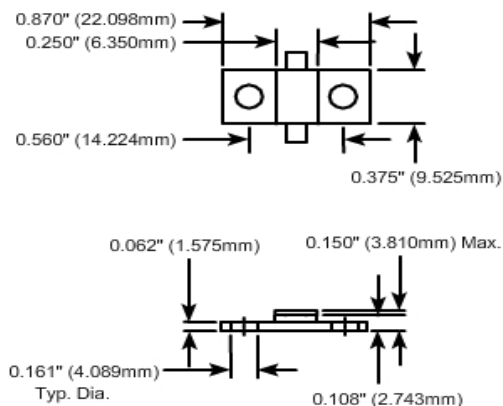
Frequency Range:

DC - 2.0 GHz

Standard Resistance Tolerance:

\pm 5% Other tolerances available upon request.

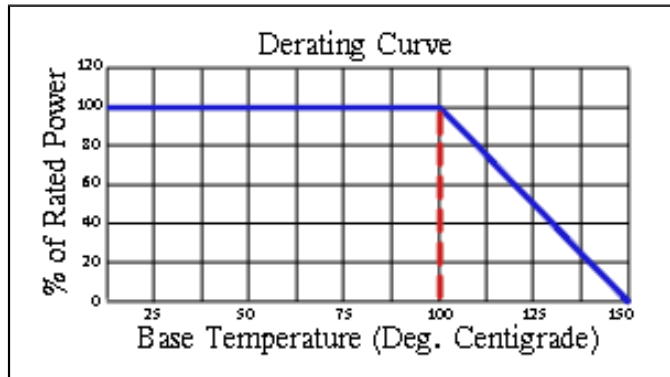
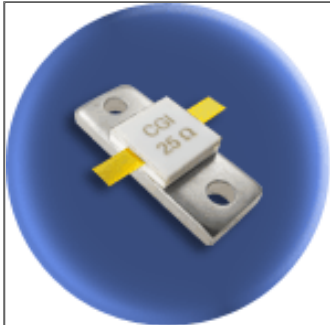
Part Dimensions



Component General, Inc.

P/N: CBR-250

Stripline Base Mounted Resistors



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

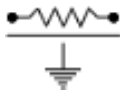
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.120",
Thickness 0.004" \pm 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

\pm 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

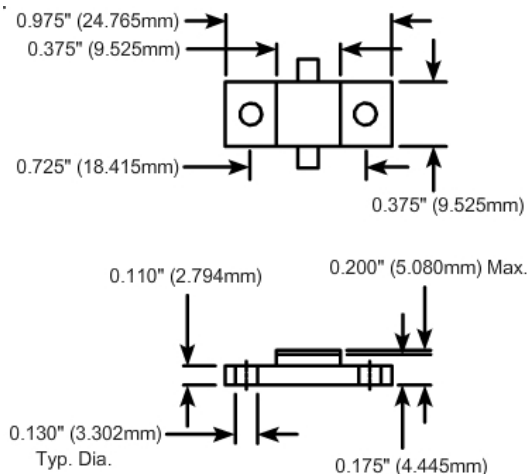
Frequency Range:

DC - 1.0 GHz

Standard Resistance Tolerance:

\pm 5% Other tolerances available upon request.

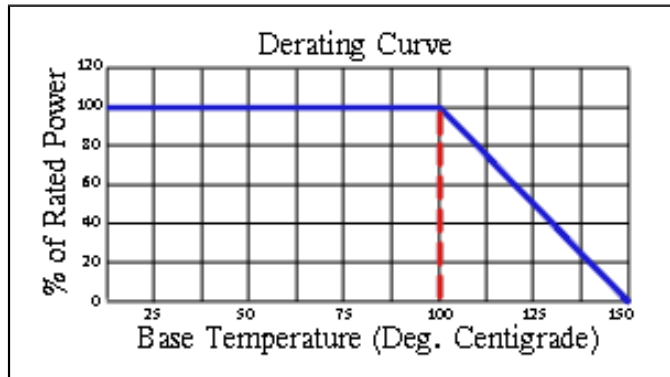
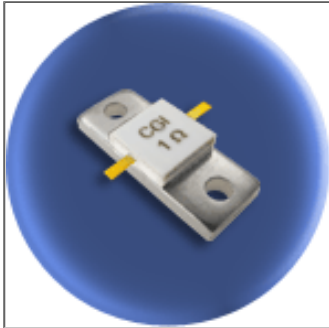
Part Dimensions



Component General, Inc.

P/N: CBR-250-1

Stripline Base Mounted Resistors



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

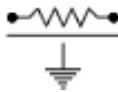
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.060",
Thickness 0.004" \pm 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

\pm 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

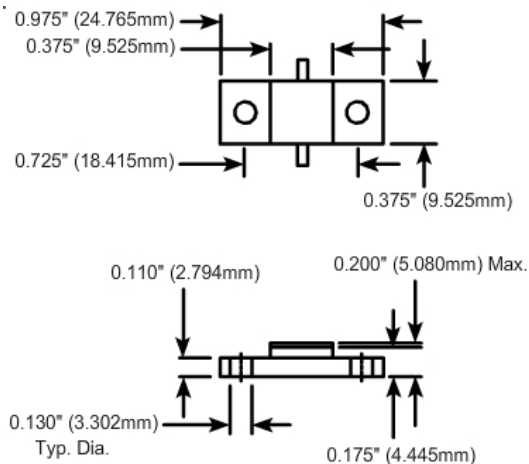
Frequency Range:

DC - 1.0 GHz

Standard Resistance Tolerance:

\pm 5% Other tolerances available upon request.

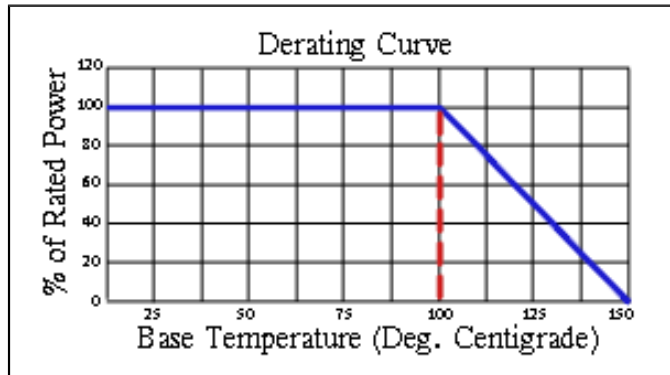
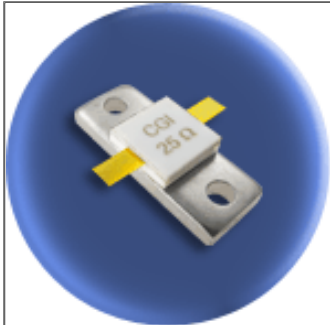
Part Dimensions



Component General, Inc.

P/N: CBR-250-2

Stripline Base Mounted Resistors



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

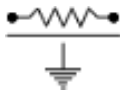
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.120",
Thickness 0.004" \pm 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

\pm 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

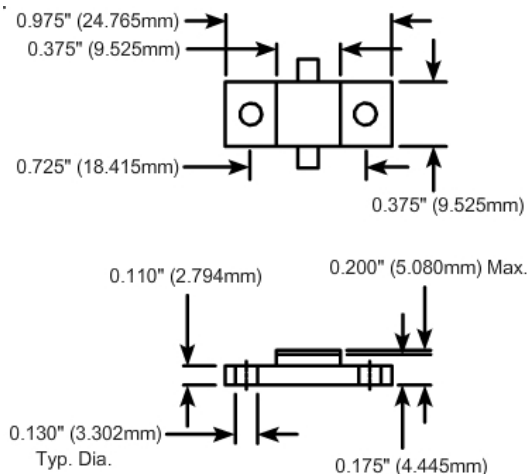
Frequency Range:

DC - 1.0 GHz

Standard Resistance Tolerance:

\pm 5% Other tolerances available upon request.

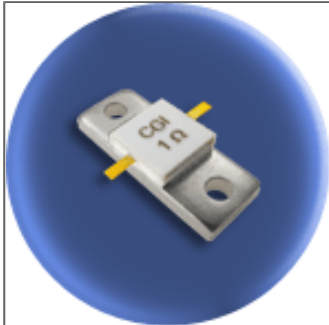
Part Dimensions



Component General, Inc.

P/N: CBR-250-4

Stripline Base Mounted Resistors



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

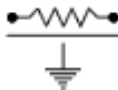
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.200" Min., Width: 0.060",
Thickness 0.004" \pm 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

\pm 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

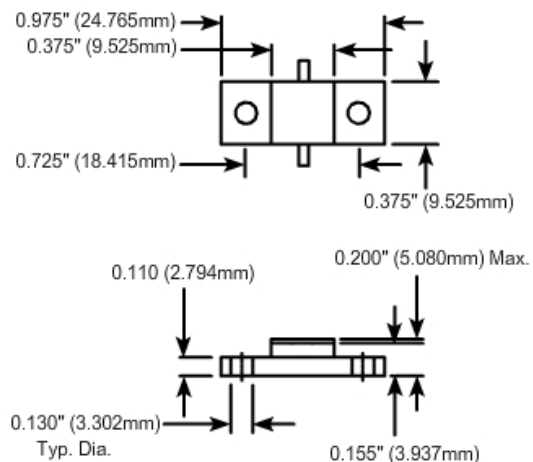
Frequency Range:

DC - 2.4 GHz

Standard Resistance Tolerance:

\pm 5% Other tolerances available upon request.

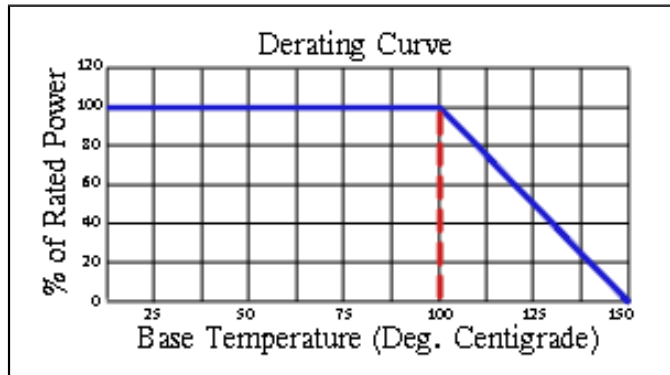
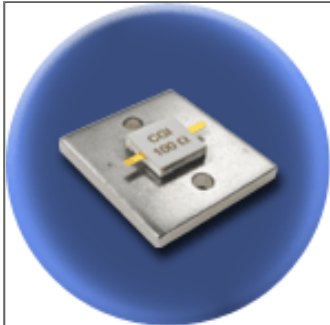
Part Dimensions



Component General, Inc.

P/N: CBR-250-5

Stripline Base Mounted Resistors



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

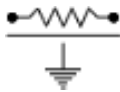
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.060",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

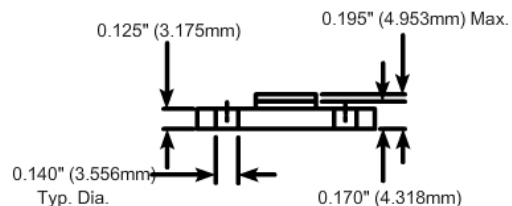
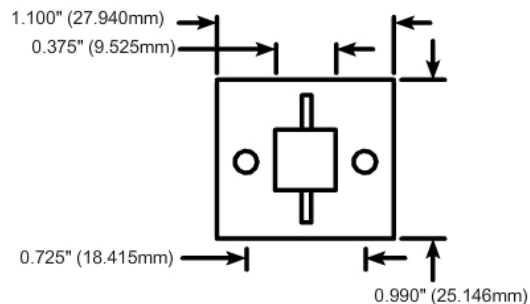
Frequency Range:

DC - 2.4 GHz

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

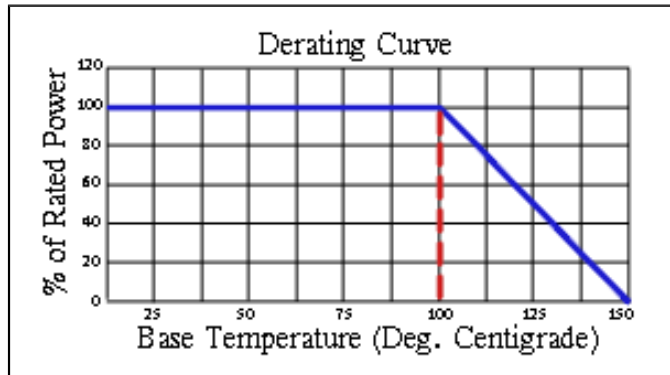
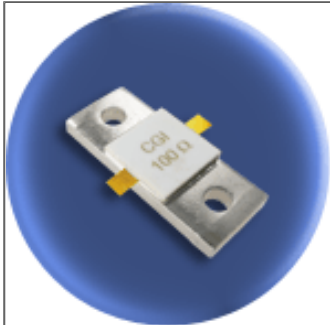
Part Dimensions



Component General, Inc.

P/N: CBR-370

Stripline Base Mounted Resistors



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

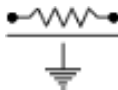
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.120",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

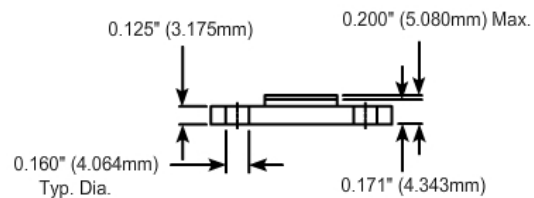
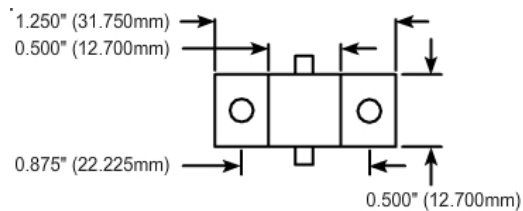
Frequency Range:

DC - 0.75 GHz

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

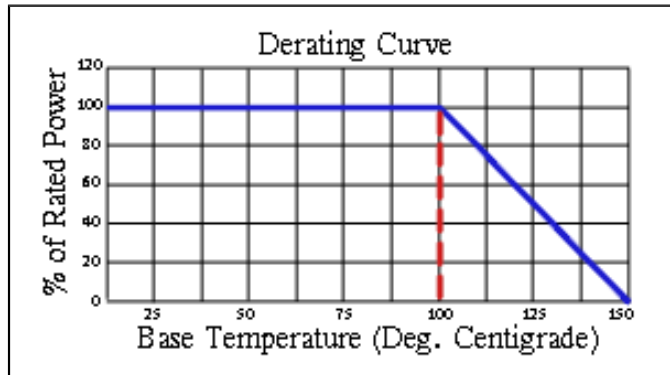
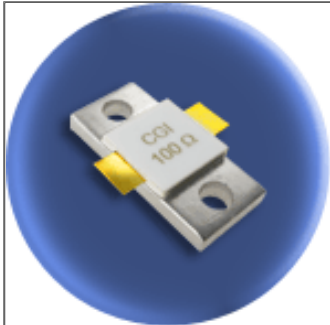
Part Dimensions



Component General, Inc.

P/N: CBR-400

Stripline Base Mounted Resistors



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

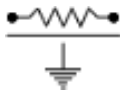
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.250",
Thickness 0.004" \pm 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

\pm 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

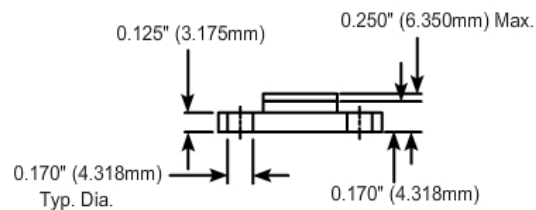
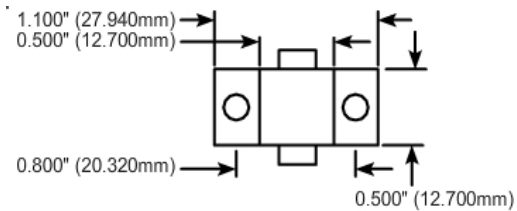
Frequency Range:

DC - 0.75 GHz

Standard Resistance Tolerance:

\pm 5% Other tolerances available upon request.

Part Dimensions



■ Stripline Base Mounted Resistors

■ MECHANICAL SPECIFICATIONS



Heat Sink :	Copper, Nickel Plated per QQ-N-290.
Substrate :	Beryllium Oxide Ceramic.
Contact :	Beryllium Copper, Gold Plated per MIL-G-45204.
Thickness :	0.004" ± 0.002".
Cover :	Alumina Ceramic.
Tolerance :	± 0.010" unless specified

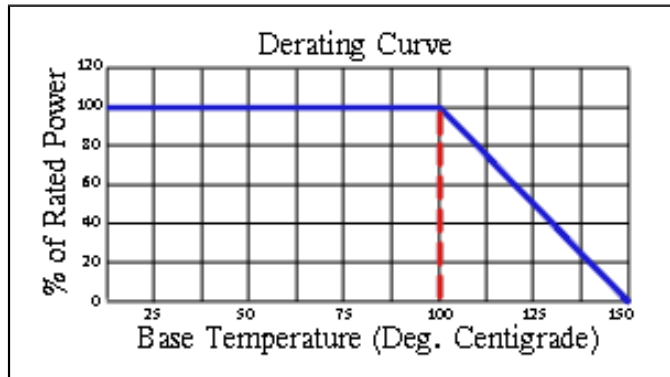
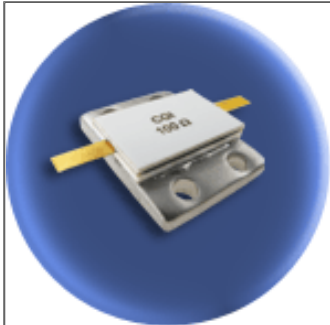
4 hole base mounted resistors product selection chart

CGI P/N	Power	Resistance (Ohms)	Standard Tolerance	Frequency Range	VSWR (Max.)
Note: Click a part number from the list below to see a data sheet for that part.					
CBR-250-3	250 W	10 - 1000	5 %	DC - .1 GHz .1 - .5 GHz .5 - 1.0 GHz	1:05:1 1:10:1 1:20:1
CBR-700	700 W	10 - 1000	5 %	DC - .5 GHz .5 - .65 GHz .65 - .89 GHz	1:15:1 1:25:1 1:50:1
CBR-800	800 W	10 - 1000	5 %	DC - .2 GHz .2 - .5 GHz	1:25:1 1:50:1

Component General, Inc.

P/N: CBR-250-3

Stripline Base Mounted Resistors



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

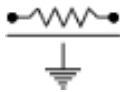
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.300" Min., Width: 0.120",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

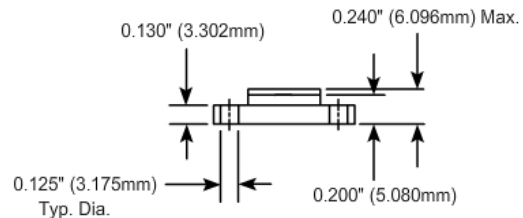
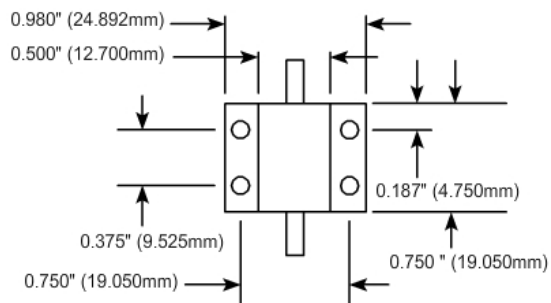
Frequency Range:

DC - .1 GHz
.1 - .5 GHz
.5 - 1.0 GHz

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

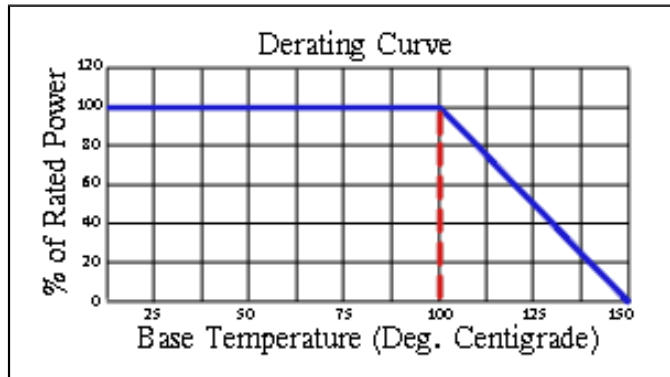
Part Dimensions



Component General, Inc.

P/N: CBR-700

Stripline Base Mounted Resistors



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

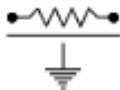
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.250",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

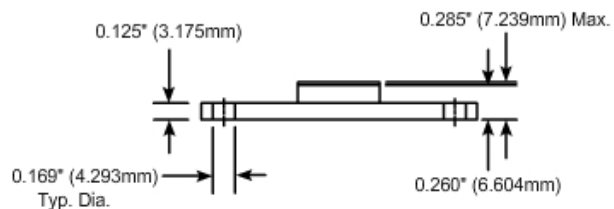
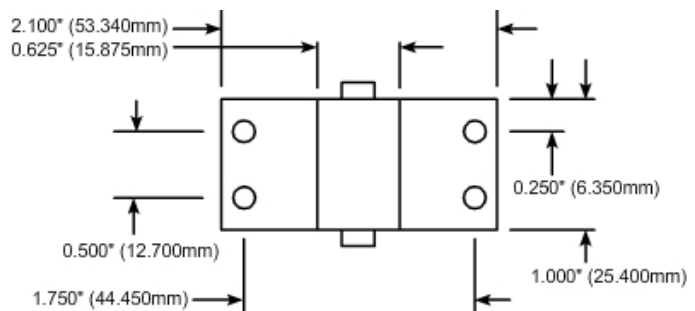
Frequency Range:

DC - .5 GHz
.5 - .65 GHz
.65 - .89 GHz

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

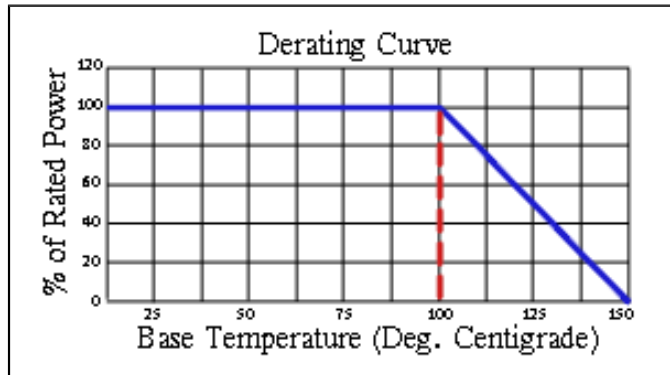
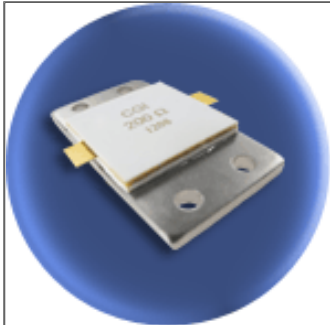
Part Dimensions



Component General, Inc.

P/N: CBR-800

Stripline Base Mounted Resistors



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

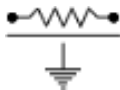
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.250",
Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.



Note: The use of thermal mounting compound is recommended.

Electrical Specifications

Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

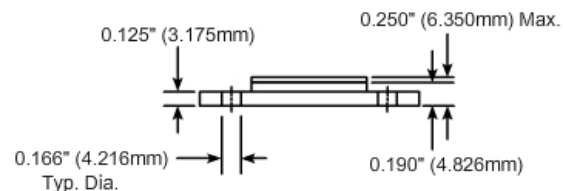
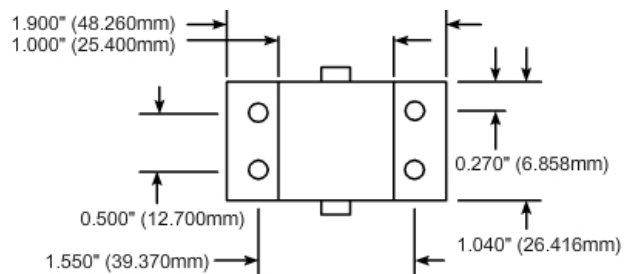
Frequency Range:

DC - .2 GHz
.2 - .5 GHz

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

Part Dimensions



■ Stripline Base Mounted Attenuators

■ MECHANICAL SPECIFICATIONS



Heat Sink : Copper, Nickel Plated per QQ-N-290.

Substrate : Beryllium Oxide Ceramic.

Contact : Beryllium Copper, Gold Plated per MIL-G45204.

Cover : Alumina Ceramic.

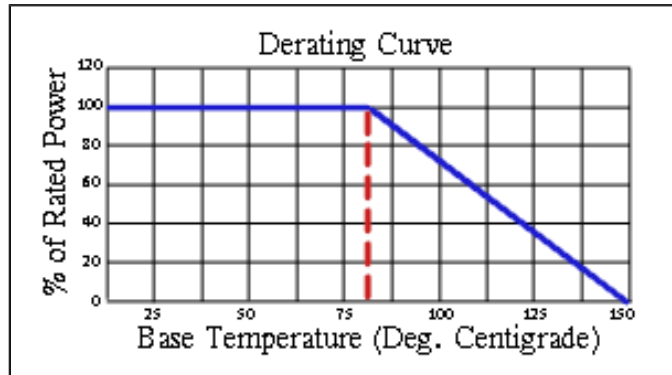
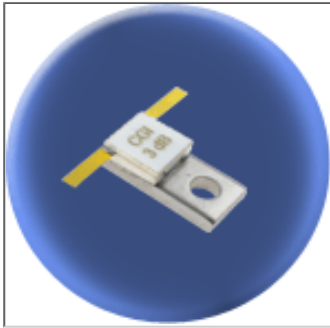
Tolerance : $\pm .010$ " Unless specified.

high power Attenuators product selection chart					
CGI P/N	Power	Impedance	Frequency Range	VSWR	Attenuation Values
Note: Click a part number from the list below to see a data sheet for that part.					
CPA-20	20 W	50 Ω	DC - 1.0 GHz 1.0 - 2.5 GHz 2.5 - 4.0 GHz	1.15:1 1.35:1 1.50:1	1 to 20 dB
CPA-50	50 W	50 Ω	DC - .500 GHz .500 - 1.0 GHz	1.15:1 1.20:1	1 to 20 dB
CPA-100	100 W	50 Ω	DC - .750 GHz	1.25:1	1 to 20 dB

Component General, Inc.

P/N: CPA-20

Stripline Base Mounted Attenuators



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

Length: 0.250" Min., Width: 0.060"

Typ. ,

Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

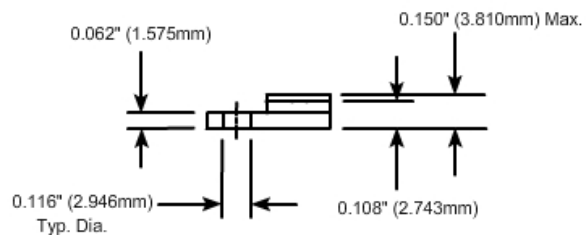
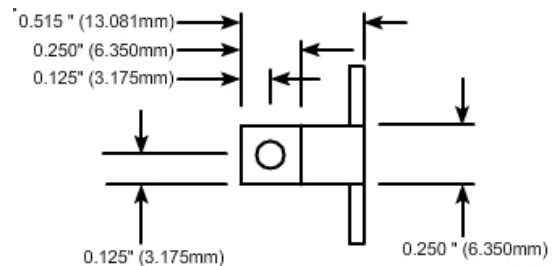
Tolerance:

± 0.010" unless specified.

Attenuation Accuracy (dB)

dB	DC - 1 GHz	1 - 2.5 GHz	2.5 - 4 GHz
1 - 5	± 0.5	± 0.5	± 0.5
6 - 9	± 0.5	± 0.5	± 1.0
10 - 15	± 0.75	± 1.0	± 1.5
16 - 20	± 1.0	± 2.0	± 3.0

Part Dimensions



Electrical Specifications

Attenuation Values:

1 - 20 dB.

(Other dB values available upon request.)

Frequency Range: VSWR (Max.):

DC - 1.0 GHz 1.15:1

1.0 - 2.5 GHz 1.35:1

2.5 - 4.0 GHz 1.50:1

Input Power:

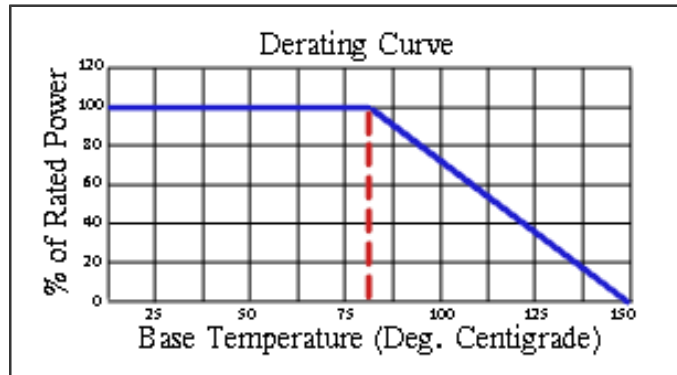
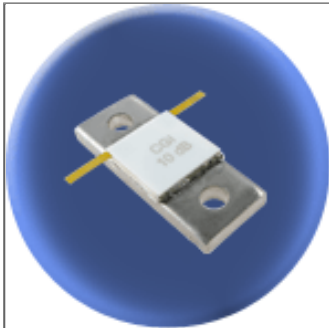
20 W

Note: The use of thermal mounting compound is recommended.

Component General, Inc.

P/N: CPA-100

Stripline Base Mounted Attenuators



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

Length: 0.250" Min., Width: 0.060" Typ. ,

Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.

Electrical Specifications

Attenuation Values:

1 - 20 dB.

(Other dB values available upon request.)

Frequency Range: VSWR (Max.):

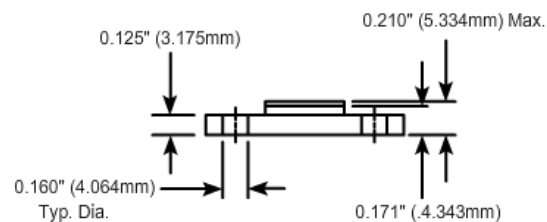
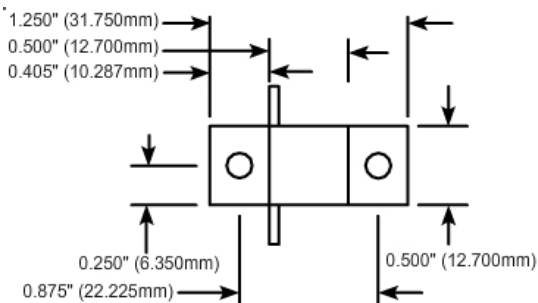
DC - 0.75 GHz

1.25:1

Input Power:

100 W

Part Dimensions



Attenuation Accuracy (dB)

DC - 0.75 GHz	+ 0.5
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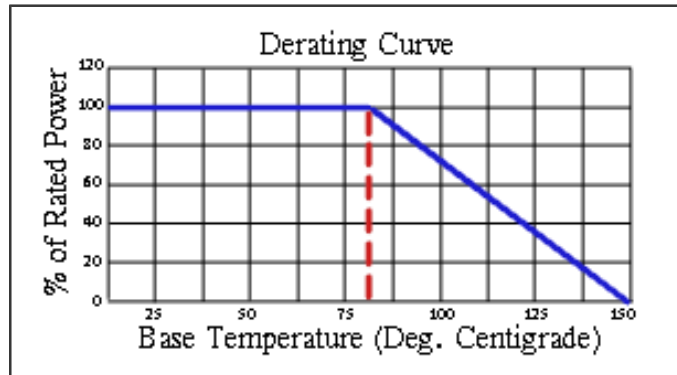
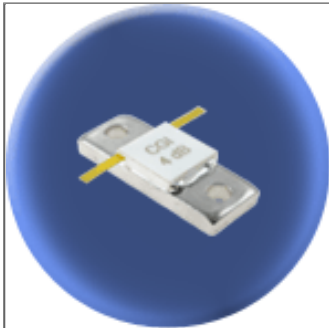


Note: The use of thermal mounting compound is recommended.

Component General, Inc.

P/N: CPA-50

Stripline Base Mounted Attenuators



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.
 Length: 0.250" Min.,
 Width: 0.060" Typ.,
 Thickness 0.004" ± 0.002".

Heat Sink:

Copper, Nickel Plated per QQ-N-290.

Tolerance:

± 0.010" unless specified.

Electrical Specifications

Attenuation Values:

1 - 20 dB.
 (Other dB values available upon request.)

Frequency Range:

DC - 0.5 GHz
 0.5 - 1.0 GHz

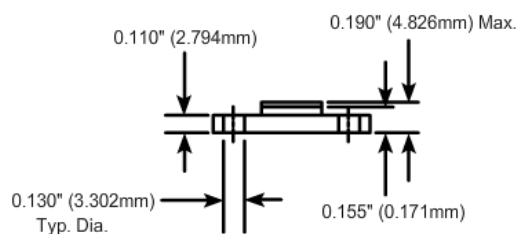
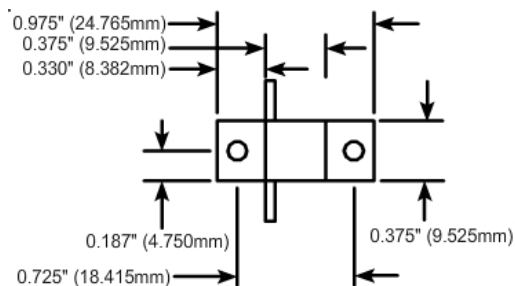
VSWR (Max.):

1.15:1
 1.20:1

Input Power:

50 W

Part Dimensions



Attenuation Accuracy (dB)

DC - 0.5 GHz	+ 0.3
0.5 - 1.0 GHz	+ 0.5

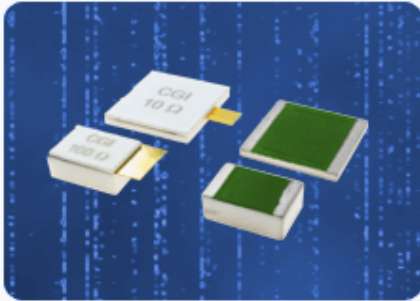


Note: The use of thermal mounting compound is recommended.

Component General, Inc.

■ Stripline Chip Terminations

■ MECHANICAL SPECIFICATIONS



Substrate : Beryllium Oxide Ceramic.
 Resistive Element : Proprietary Thick Film.
 Terminals : Proprietary Silver.
 Tolerance : ± .005" Except where noted (*), then ± .010"

high power chip Terminations product selection chart

CGI P/N	Power	Resistance (Ohms)	Standard Tolerance
Note: Click a part number from the list below to see a data sheet for that part.			
CPT-40	40 W	10 - 1000	2 %
CPT-100-2	62 W	10 - 1000	2 %
CPT-100-2B	40 W	10 - 1000	2 %
CPT-230-1	150 W	10 - 1000	2 %
CPT-230-2	40 W	10 - 1000	2 %
CPT-250-1A	170 W	10 - 1000	2 %
CPT-250-1B	80 W	10 - 1000	2 %
CPT-250-2A	330 W	10 - 1000	2 %
CPT-250-2B	100 W	10 - 1000	2 %
CPT-250-2C	160 W	10 - 1000	2 %
CPT-375-1	350 W	10 - 1000	2 %
CPT-375-1B	250 W	10 - 1000	2 %
CPT-500-1*	500 W	10 - 1000	2 %
CPT-625-1*	700 W	10 - 1000	2 %
CPT-625-2*	185 W	10 - 1000	2 %
CPT-1000-1*	1000 W	10 - 1000	2 %

Component General, Inc.

P/N: CPT-40

Stripline Chip Terminations

Chip Terminations |
CPT-40



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Resistive Element:

Proprietary thick film.

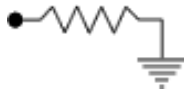
Terminals:

Proprietary Silver.

Tolerance:

± 0.005" unless specified.

Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C



Electrical Specifications

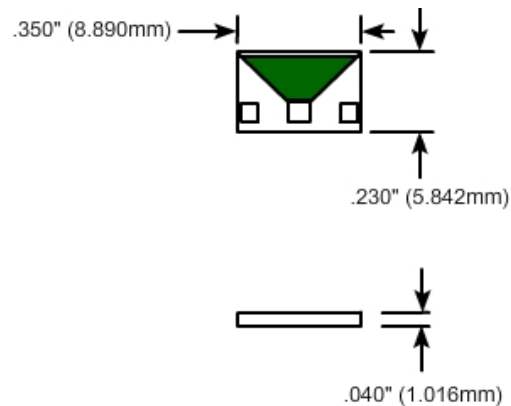
Resistance Value:

10 - 1000 Ω as required. Other values available upon request.

Standard Resistance Tolerance:

± 2% Other tolerances available upon request.

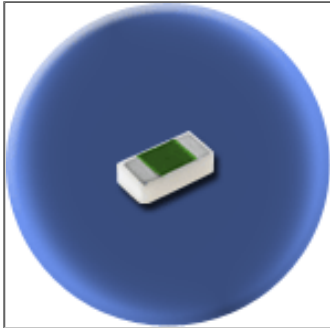
Part Dimensions



Component General, Inc.

P/N: CPT-100-2

Stripline Chip Terminations



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Resistive Element:

Proprietary thick film.

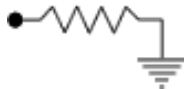
Terminals:

Proprietary Silver.

Tolerance:

± 0.005" unless specified.

Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C



Electrical Specifications

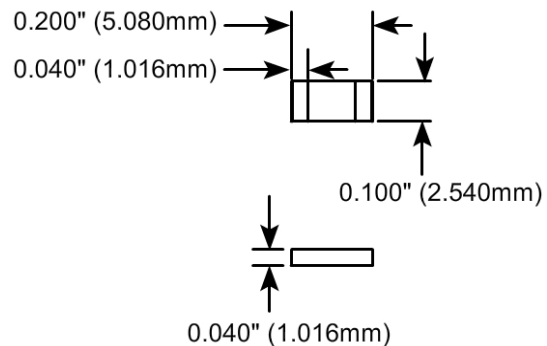
Resistance Value:

10 - 1000 Ω as required. Other values available upon request.

Standard Resistance Tolerance:

± 2% Other tolerances available upon request.

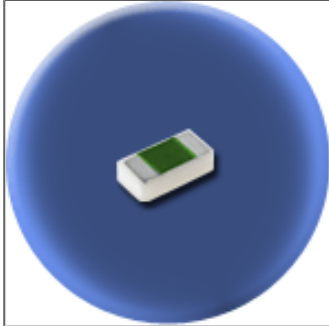
Part Dimensions



Component General, Inc.

P/N: CPT-100-2B

Stripline Chip Terminations



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Resistive Element:

Proprietary thick film.

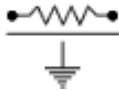
Terminals:

Proprietary Silver.

Tolerance:

± 0.005" unless specified.

Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C



Electrical Specifications

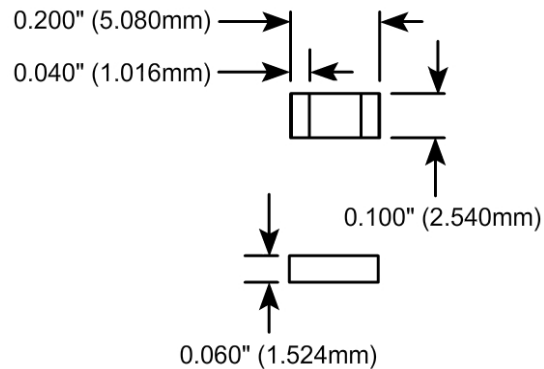
Resistance Value:

10 - 1000 Ω as required. Other values available upon request.

Standard Resistance Tolerance:

± 2% Other tolerances available upon request.

Part Dimensions

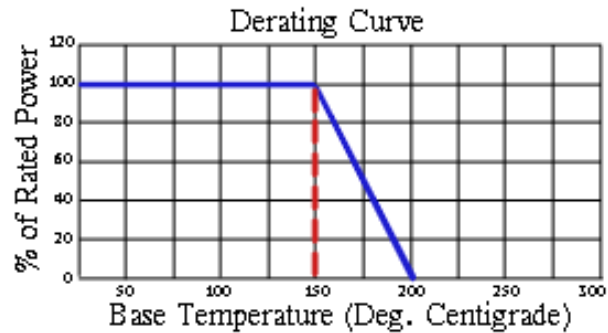


Component General, Inc.

P/N: CPT-230-1

Stripline Chip Terminations

Chip Terminations |
CPT-230-1



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Resistive Element:

Proprietary thick film.

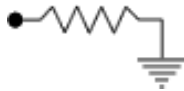
Terminals:

Proprietary Silver.

Tolerance:

± 0.005" unless specified.

Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C



Electrical Specifications

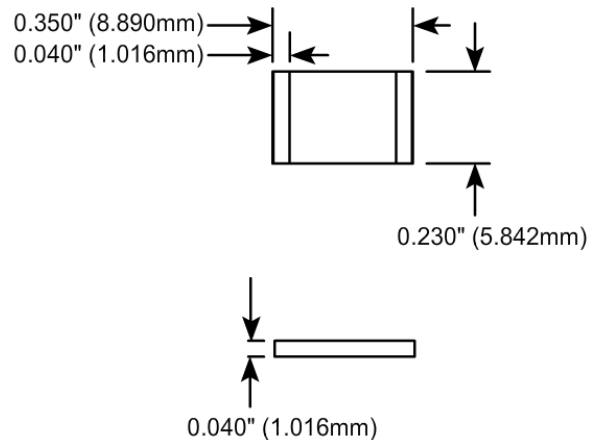
Resistance Value:

10 - 1000 Ω as required. Other values available upon request.

Standard Resistance Tolerance:

± 2% Other tolerances available upon request.

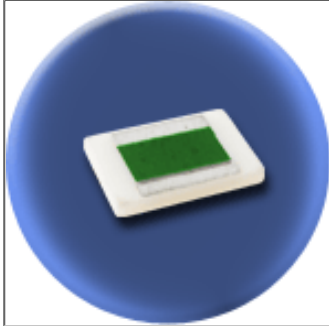
Part Dimensions



Component General, Inc.

P/N: CPT-230-2

Stripline Chip Resistors



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Resistive Element :

Proprietary thick film.

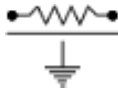
Terminals:

Proprietary Silver.

Tolerance:

± 0.005" unless specified.

Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C



Electrical Specifications

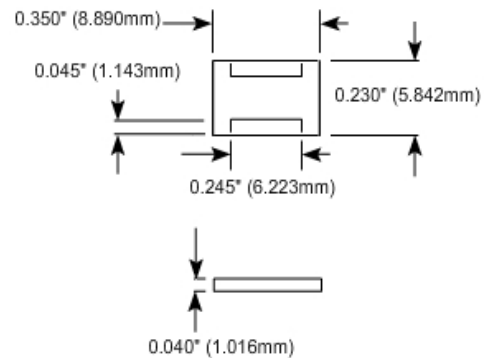
Resistance Value:

10 - 1000 Ω as required. Other values available upon request.

Standard Resistance Tolerance:

± 2% Other tolerances available upon request.

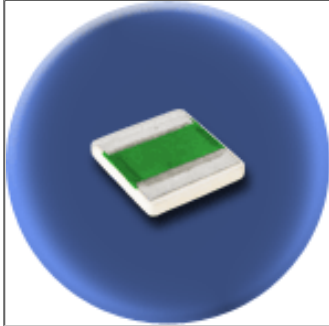
Part Dimensions



Component General, Inc.

P/N: CPT-250-1A

Stripline Chip Terminations



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Resistive Element:

Proprietary thick film.

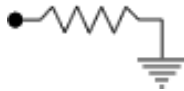
Terminals:

Proprietary Silver.

Tolerance:

± 0.005" unless specified.

Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C



Electrical Specifications

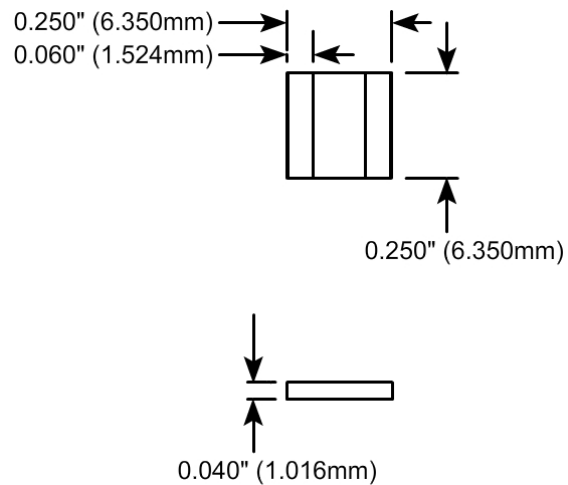
Resistance Value:

10 - 1000 Ω as required. Other values available upon request.

Standard Resistance Tolerance:

± 2% Other tolerances available upon request.

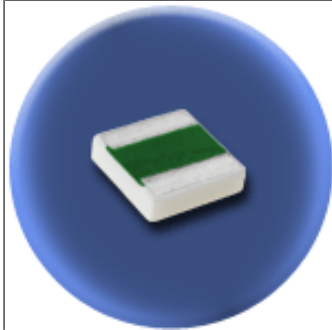
Part Dimensions



Component General, Inc.

P/N: CPT-250-1B

Stripline Chip Terminations



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Resistive Element:

Proprietary thick film.

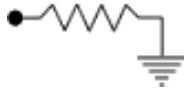
Terminals:

Proprietary Silver.

Tolerance:

± 0.005" unless specified.

Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C



Electrical Specifications

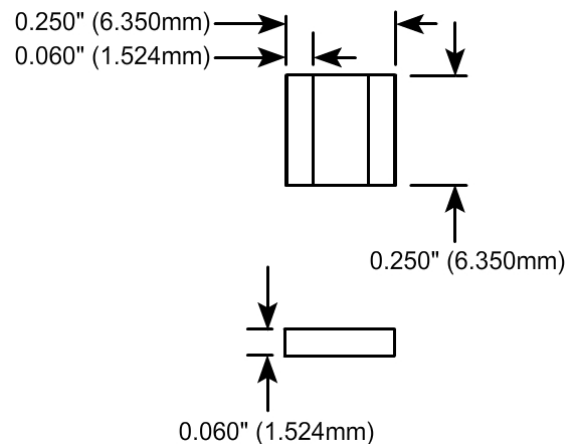
Resistance Value:

10 - 1000 Ω as required. Other values available upon request.

Standard Resistance Tolerance:

± 2% Other tolerances available upon request.

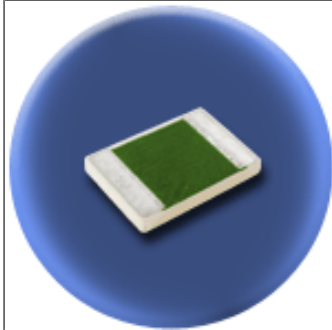
Part Dimensions



Component General, Inc.

P/N: CPT-250-2A

Stripline Chip Terminations



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Resistive Element:

Proprietary thick film.

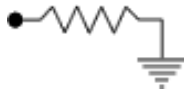
Terminals:

Proprietary Silver.

Tolerance:

± 0.005" unless specified.

Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C



Electrical Specifications

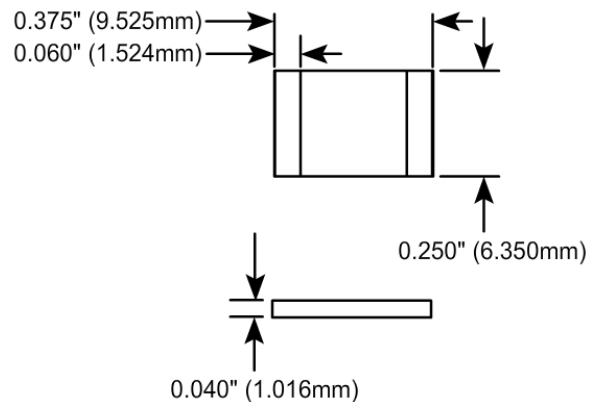
Resistance Value:

10 - 1000 Ω as required. Other values available upon request.

Standard Resistance Tolerance:

± 2% Other tolerances available upon request.

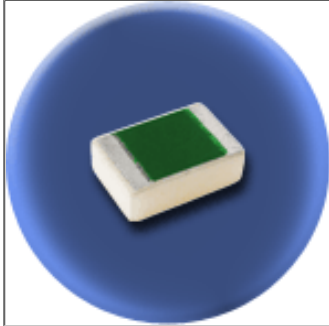
Part Dimensions



Component General, Inc.

P/N: CPT-250-2B

Stripline Chip Terminations



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Resistive Element:

Proprietary thick film.

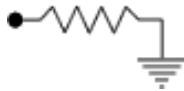
Terminals:

Proprietary Silver.

Tolerance:

± 0.005" unless specified.

Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C



Electrical Specifications

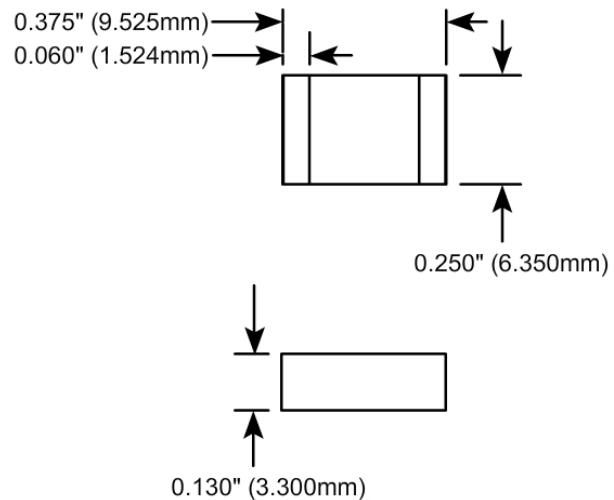
Resistance Value:

10 - 1000 Ω as required. Other values available upon request.

Standard Resistance Tolerance:

± 2% Other tolerances available upon request.

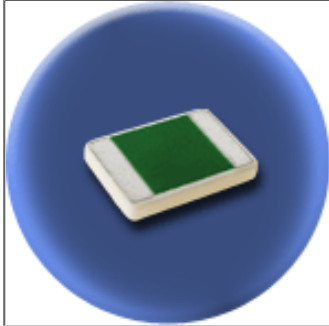
Part Dimensions



Component General, Inc.

P/N: CPT-250-2C

Stripline Chip Resistors



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Resistive Element :

Proprietary thick film.

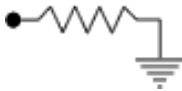
Terminals:

Proprietary Silver.

Tolerance:

± 0.005" unless specified.

Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C



Electrical Specifications

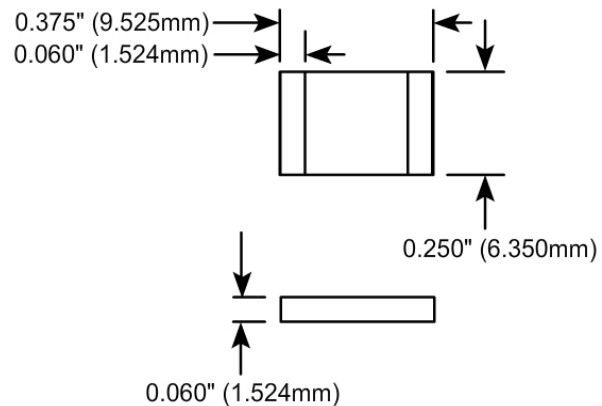
Resistance Value:

10 - 1000 Ω as required. Other values available upon request.

Standard Resistance Tolerance:

± 2% Other tolerances available upon request.

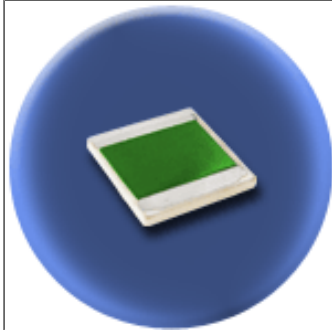
Part Dimensions



Component General, Inc.

P/N: CPT-375-1

Stripline Chip Terminations



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Resistive Element:

Proprietary thick film.

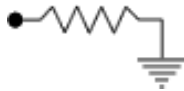
Terminals:

Proprietary Silver.

Tolerance:

± 0.005" unless specified.

Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C



Electrical Specifications

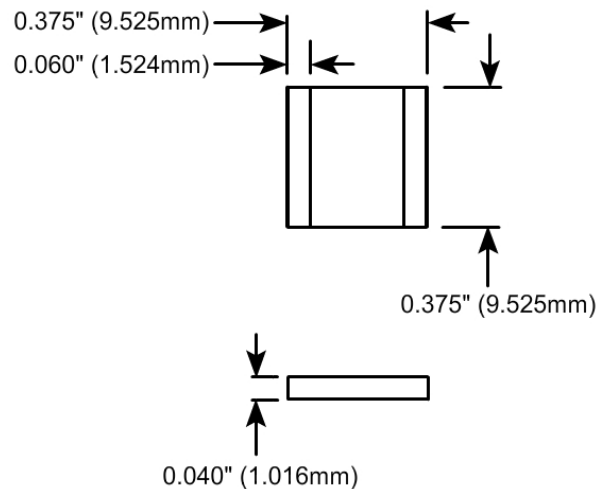
Resistance Value:

10 - 1000 Ω as required. Other values available upon request.

Standard Resistance Tolerance:

± 2% Other tolerances available upon request.

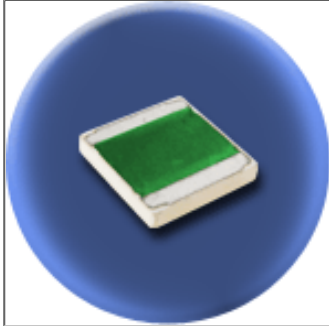
Part Dimensions



Component General, Inc.

P/N: CPT-375-1B

Stripline Chip Terminations



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Resistive Element:

Proprietary thick film.

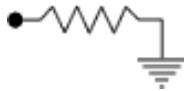
Terminals:

Proprietary Silver.

Tolerance:

± 0.005" unless specified.

Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C



Electrical Specifications

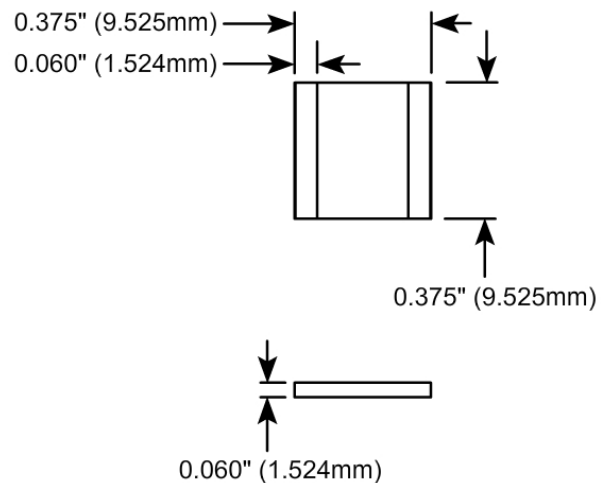
Resistance Value:

10 - 1000 Ω as required. Other values available upon request.

Standard Resistance Tolerance:

± 2% Other tolerances available upon request.

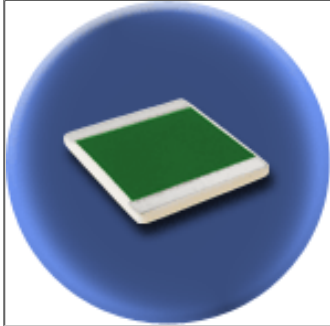
Part Dimensions



Component General, Inc.

P/N: CPT-500-1

Stripline Chip Terminations



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Resistive Element:

Proprietary thick film.

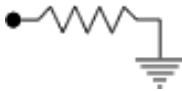
Terminals:

Proprietary Silver.

Tolerance:

± 0.010" unless specified.

Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C



Electrical Specifications

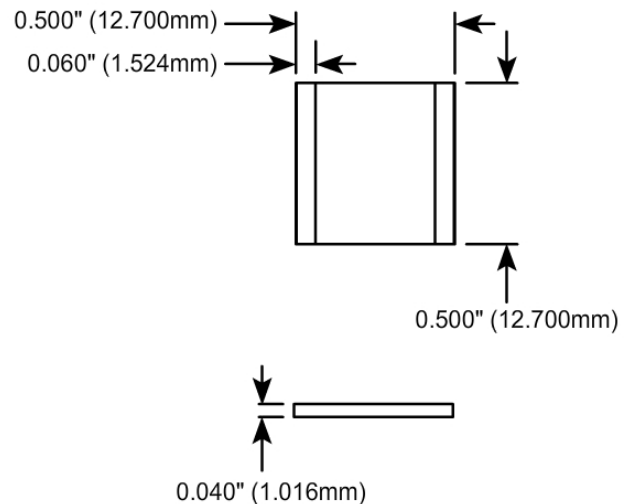
Resistance Value:

10 - 1000 Ω as required. Other values available upon request.

Standard Resistance Tolerance:

± 2% Other tolerances available upon request.

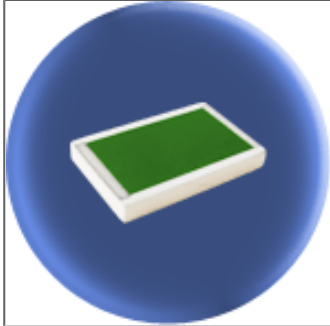
Part Dimensions



Component General, Inc.

P/N: CPT-625-1

Stripline Chip Terminations



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Resistive Element:

Proprietary thick film.

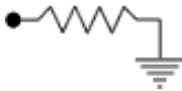
Terminals:

Proprietary Silver.

Tolerance:

± 0.010" unless specified.

Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C



Electrical Specifications

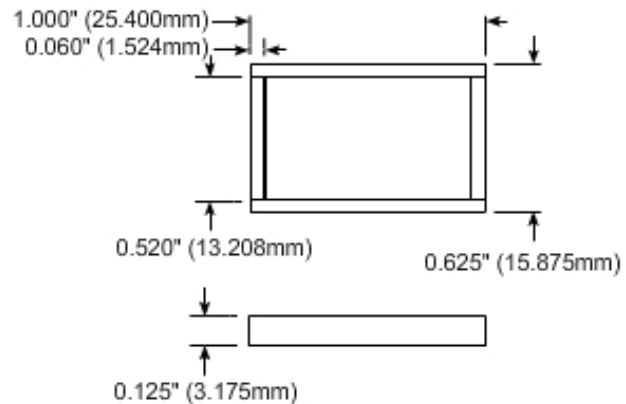
Resistance Value:

10 - 1000 Ω as required. Other values available upon request.

Standard Resistance Tolerance:

± 2% Other tolerances available upon request.

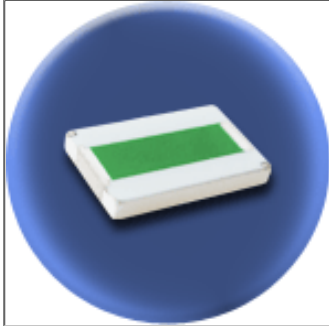
Part Dimensions



Component General, Inc.

P/N: CPT-625-2

Stripline Chip Terminations



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Resistive Element:

Proprietary thick film.

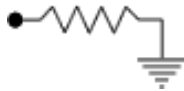
Terminals:

Proprietary Silver.

Tolerance:

± 0.010" unless specified.

Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C



Electrical Specifications

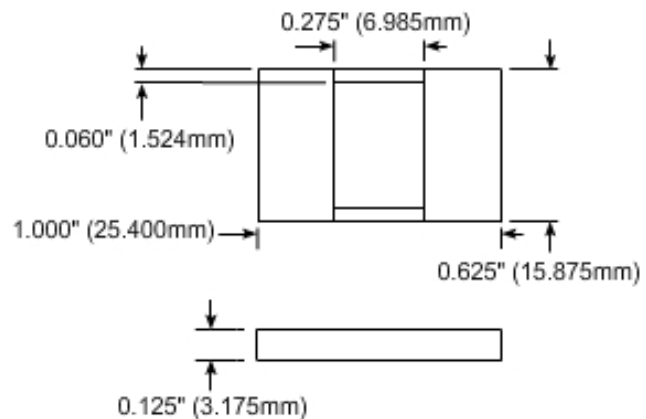
Resistance Value:

10 - 1000 Ω as required. Other values available upon request.

Standard Resistance Tolerance:

± 2% Other tolerances available upon request.

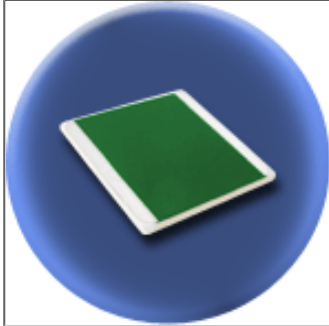
Part Dimensions



Component General, Inc.

P/N: CPT-1000-1

Stripline Chip Terminations



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Resistive Element:

Proprietary thick film.

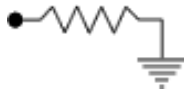
Terminals:

Proprietary Silver.

Tolerance:

± 0.010" unless specified.

Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C



Electrical Specifications

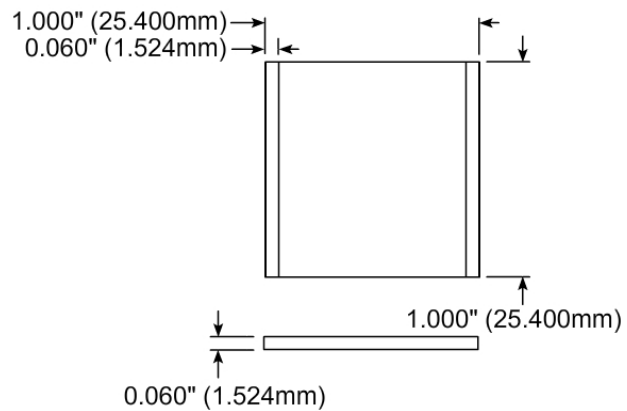
Resistance Value:

10 - 1000 Ω as required. Other values available upon request.

Standard Resistance Tolerance:

± 2% Other tolerances available upon request.

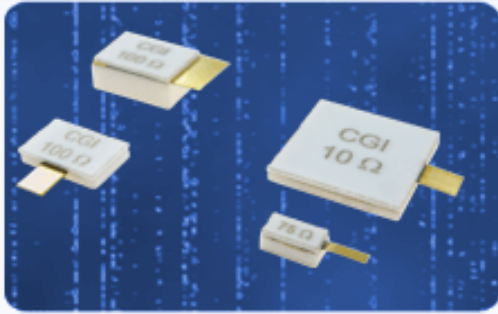
Part Dimensions



Component General, Inc.

■ Stripline Chip Terminations

■ MECHANICAL SPECIFICATIONS



Substrate : Beryllium Oxide Ceramic.

Contact: Beryllium Copper - Gold Plated per MIL-G-45204

Covers : Alumina Ceramic.

Tolerance : ± .010" Unless specified.

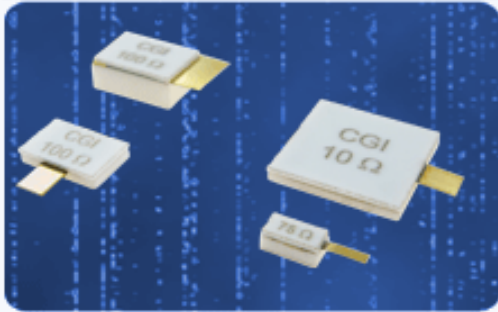
high power chip terminations product selection chart

CGI P/N	Power	Resistance (Ohms)	Standard Tolerance
Note: Click a part number from the list below to see a data sheet for that part.			
CCT-100-2	62 W	10 - 1000	5 %
CCT-100-2B	40 W	10 - 1000	5 %
CCT-230-1	150 W	10 - 1000	5 %
CCT-230-2	40 W	10 - 1000	5 %
CCT-250-1	170 W	10 - 1000	5 %
CCT-250-1B	80 W	10 - 1000	5 %
CCT-250-2	330 W	10 - 1000	5 %
CCT-250-2B	100 W	10 - 1000	5 %
CCT-250-2C	160 W	10 - 1000	5 %
CCT-375-1	350 W	10 - 1000	5 %
CCT-375-1B	250 W	10 - 1000	5 %
CCT-375-2	250 W	10 - 1000	5 %
CCT-375-3	250 W	10 - 1000	5 %

Component General, Inc.

■ Stripline Chip Terminations

■ MECHANICAL SPECIFICATIONS



Substrate : Beryllium Oxide Ceramic.

Contact: Beryllium Copper - Gold Plated per MIL-G-45204

Covers : Alumina Ceramic.

Tolerance : $\pm .010$ " Unless specified.

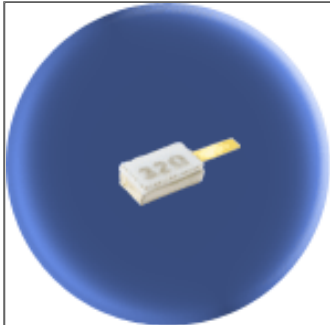
high power chip terminations product selection chart

CGI P/N	Power	Resistance (Ohms)	Standard Tolerance
Note: Click a part number from the list below to see a data sheet for that part.			
CCT-500-1	500 W	10 - 1000	5 %
CCT-625-1	700 W	10 - 1000	5 %
CCT-625-2	180 W	10 - 1000	5 %
CCT-1000-1	1000 W	10 - 1000	5 %

Component General, Inc.

P/N: CCT-100-2

Stripline Chip W/Cover Terminations



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Contact:

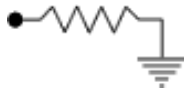
Beryllium Copper, Gold Plated per MIL-G-45204. Length: 0.125" Min., Width: 0.040", Thickness 0.004" ± 0.002".

Covers:

Alumina Ceramic.

Tolerance:

± 0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

Electrical Specifications

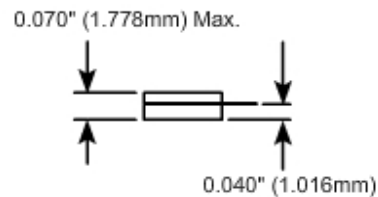
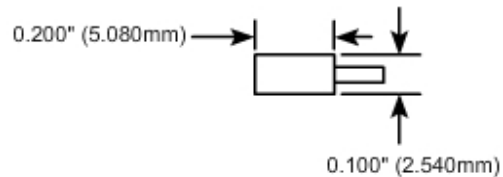
Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Standard Resistance Tolerance:

5% Other tolerances available upon request.

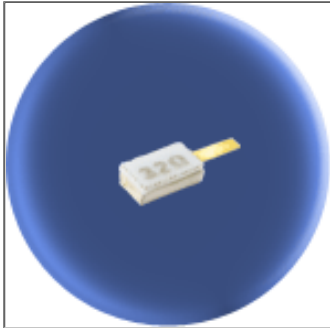
Part Dimensions



Component General, Inc.

P/N: CCT-100-2B

Stripline Chip W/Cover Terminations



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

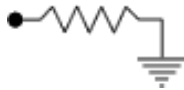
Length: 0.125" Min., Width: 0.040", Thickness 0.004" ± 0.002".

Covers:

Alumina Ceramic.

Tolerance:

± 0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

Electrical Specifications

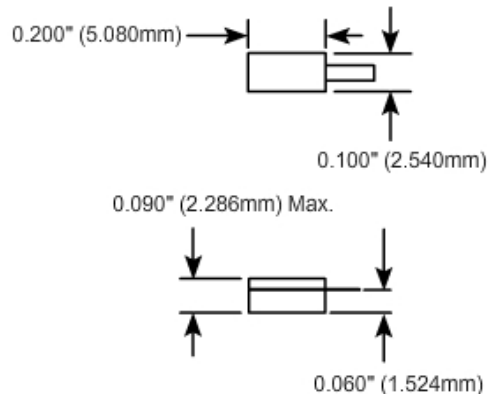
Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

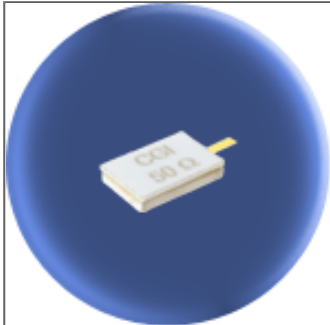
Part Dimensions



Component General, Inc.

P/N: CCT-230-1

Stripline Chip W/Cover Terminations



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

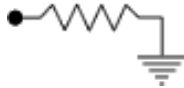
Length: 0.125" Min., Width: 0.040", Thickness 0.004" \pm 0.002".

Covers:

Alumina Ceramic.

Tolerance:

\pm 0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

Electrical Specifications

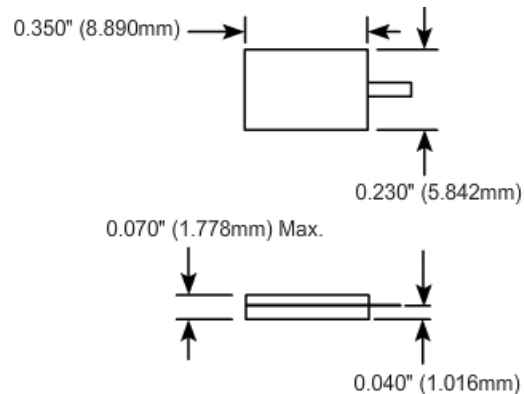
Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Standard Resistance Tolerance:

\pm 5% Other tolerances available upon request.

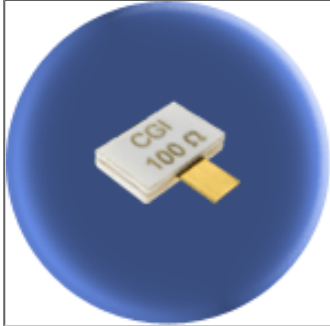
Part Dimensions



Component General, Inc.

P/N: CCT-230-2

Stripline Chip W/Cover Terminations



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

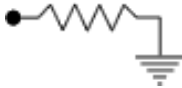
Length: 0.125" Min., Width: 0.120", Thickness 0.004" ± 0.002".

Covers:

Alumina Ceramic.

Tolerance:

± 0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

Electrical Specifications

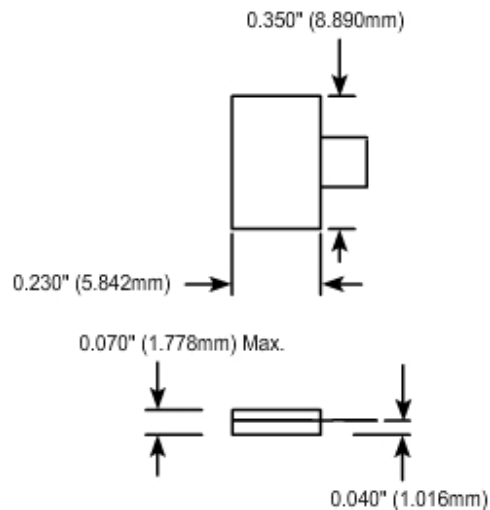
Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

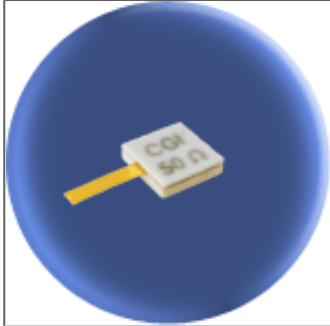
Part Dimensions



Component General, Inc.

P/N: CCT-250-1

Stripline Chip W/Cover Terminations



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

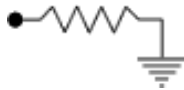
Length: 0.125" Min., Width: 0.060", Thickness 0.004" ± 0.002".

Covers:

Alumina Ceramic.

Tolerance:

± 0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

Electrical Specifications

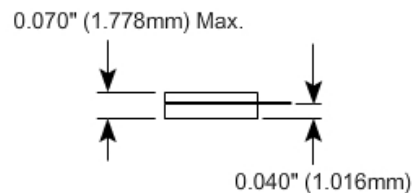
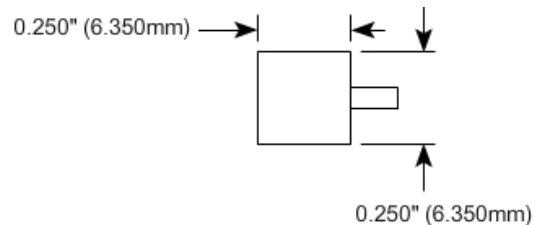
Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

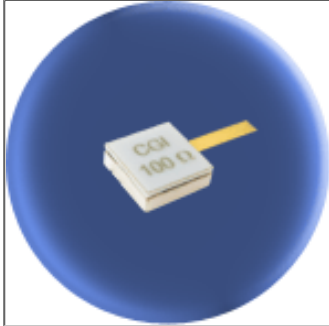
Part Dimensions



Component General, Inc.

P/N: CCT-250-1B

Stripline Chip W/Cover Terminations



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

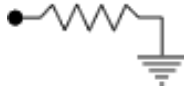
Length: 0.125" Min., Width: 0.060", Thickness 0.004" \pm 0.002".

Covers:

Alumina Ceramic.

Tolerance:

\pm 0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

Electrical Specifications

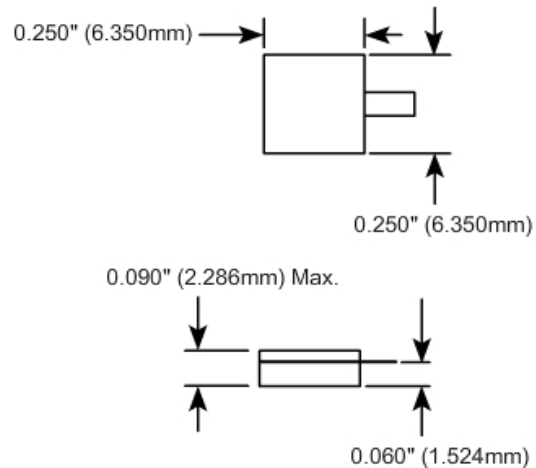
Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Standard Resistance Tolerance:

\pm 5% Other tolerances available upon request.

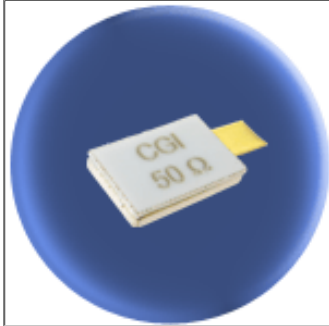
Part Dimensions



Component General, Inc.

P/N: CCT-250-2

Stripline Chip W/Cover Terminations



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

Length: 0.125" Min., Width: 0.120", Thickness 0.004" \pm 0.002".

Covers:

Alumina Ceramic.

Tolerance:

\pm 0.010" unless specified.

Electrical Specifications

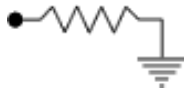
Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

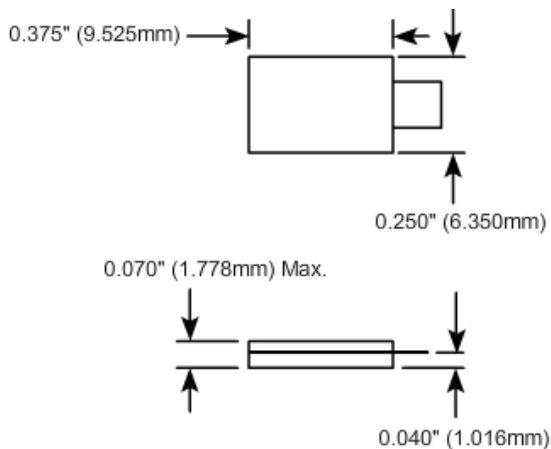
Standard Resistance Tolerance:

\pm 5% Other tolerances available upon request.

Part Dimensions



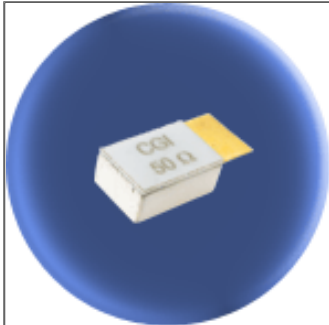
Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C



Component General, Inc.

P/N: CCT-250-2B

Stripline Chip W/Cover Terminations



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

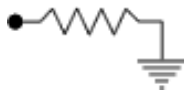
Length 0.125" Min., Width 0.250"
Thickness 0.004 ± 0.002 ".

Covers:

Alumina Ceramic.

Tolerance:

± 0.010 " unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

Electrical Specifications

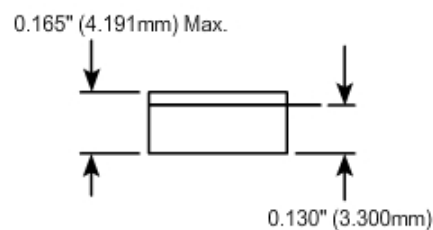
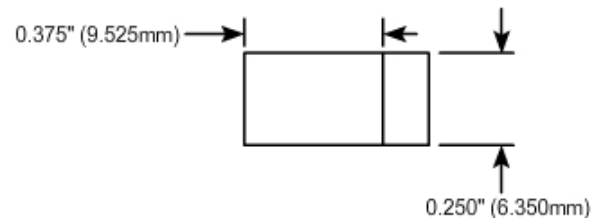
Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Standard Resistance Tolerance:

$\pm 5\%$ Other tolerances available upon request.

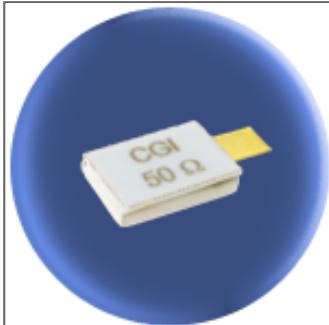
Part Dimensions



Component General, Inc.

P/N: CCT-250-2C

Stripline Chip W/Cover Terminations



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

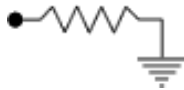
Length: 0.125" Min., Width: 0.120", Thickness 0.004" ± 0.002".

Covers:

Alumina Ceramic.

Tolerance:

± 0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

Electrical Specifications

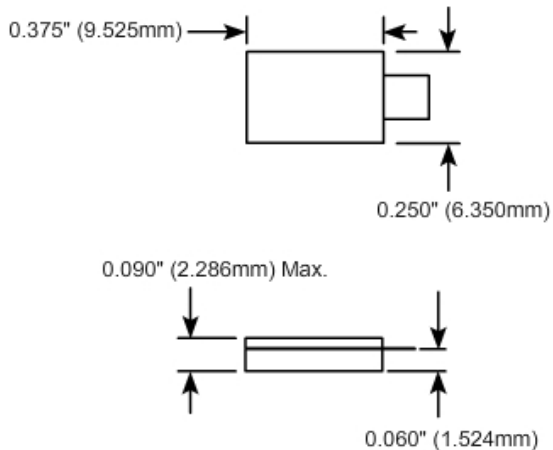
Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

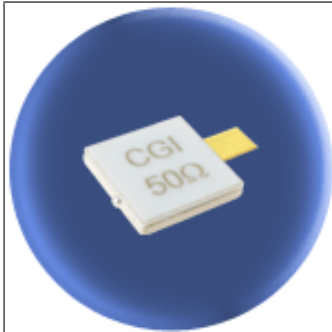
Part Dimensions



Component General, Inc.

P/N: CCT-375-1

Stripline Chip W/Cover Terminations



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

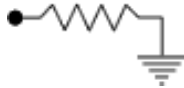
Length: 0.125" Min., Width: 0.120", Thickness 0.004" \pm 0.002".

Covers:

Alumina Ceramic.

Tolerance:

\pm 0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

Electrical Specifications

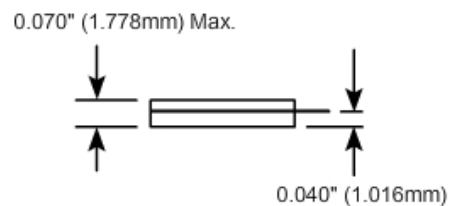
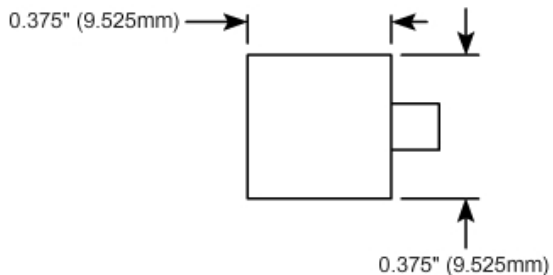
Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Standard Resistance Tolerance:

\pm 5% Other tolerances available upon request.

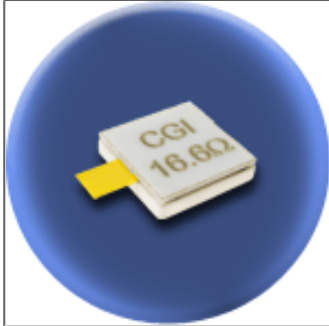
Part Dimensions



Component General, Inc.

P/N: CCT-375-1B

Stripline Chip W/Cover Terminations



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

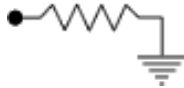
Length: 0.125" Min., Width: 0.120", Thickness 0.004" \pm 0.002".

Covers:

Alumina Ceramic.

Tolerance:

\pm 0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

Electrical Specifications

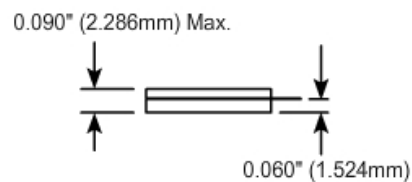
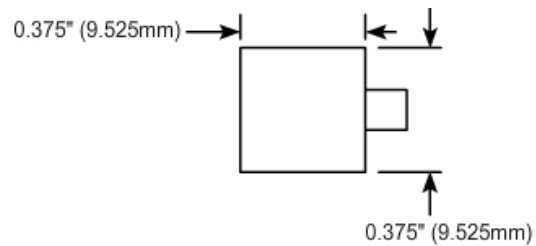
Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Standard Resistance Tolerance:

\pm 5% Other tolerances available upon request.

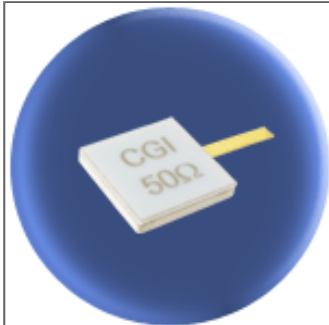
Part Dimensions



Component General, Inc.

P/N: CCT-375-2

Stripline Chip W/Cover Terminations



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

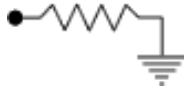
Length: 0.125" Min., Width: 0.060", Thickness 0.004" ± 0.002".

Covers:

Alumina Ceramic.

Tolerance:

± 0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

Electrical Specifications

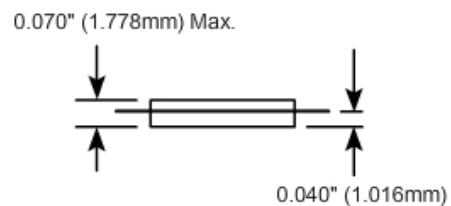
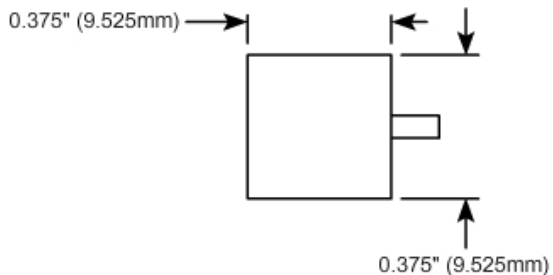
Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

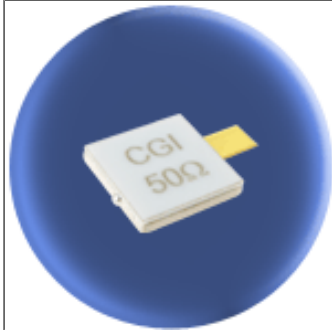
Part Dimensions



Component General, Inc.

P/N: CCT-375-3

Stripline Chip W/Cover Terminations



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

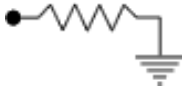
Length: 0.125" Min., Width: 0.120", Thickness 0.004" \pm 0.002".

Covers:

Alumina Ceramic.

Tolerance:

\pm 0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

Electrical Specifications

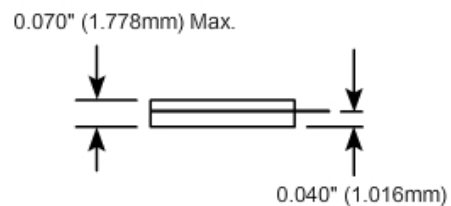
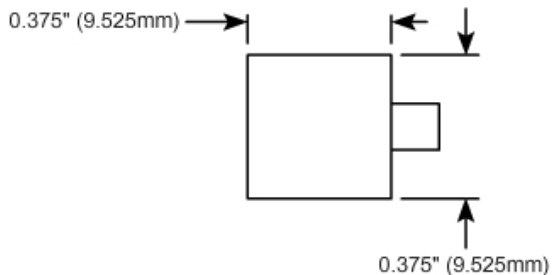
Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Standard Resistance Tolerance:

\pm 5% Other tolerances available upon request.

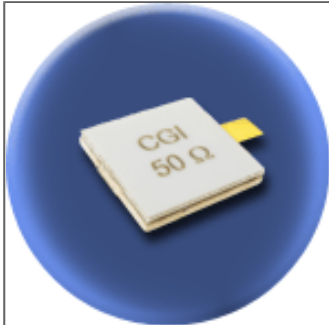
Part Dimensions



Component General, Inc.

P/N: CCT-500-1

Stripline Chip W/Cover Terminations



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

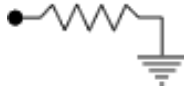
Length: 0.125" Min., Width: 0.120", Thickness 0.004" \pm 0.002".

Covers:

Alumina Ceramic.

Tolerance:

\pm 0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

Electrical Specifications

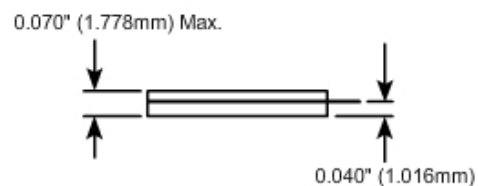
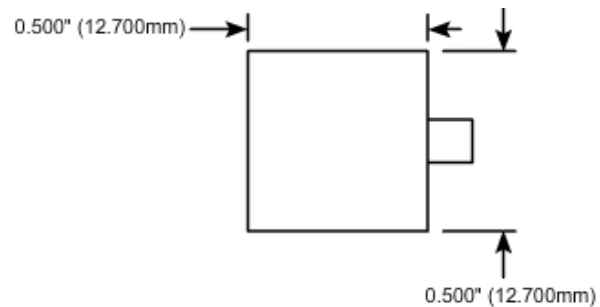
Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Standard Resistance Tolerance:

\pm 5% Other tolerances available upon request.

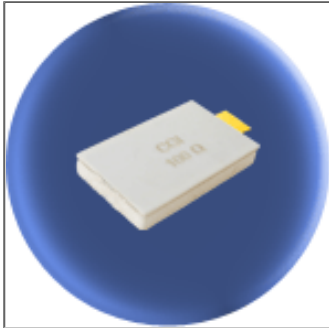
Part Dimensions



Component General, Inc.

P/N: CCT-625-1

Stripline Chip W/Cover Resistors



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

Length: 0.125" Min., Width: 0.250", Thickness 0.004" \pm 0.002".

Covers:

Alumina Ceramic.

Tolerance:

\pm 0.010" unless specified.

Electrical Specifications

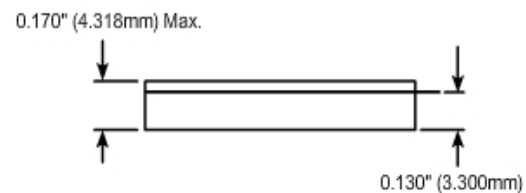
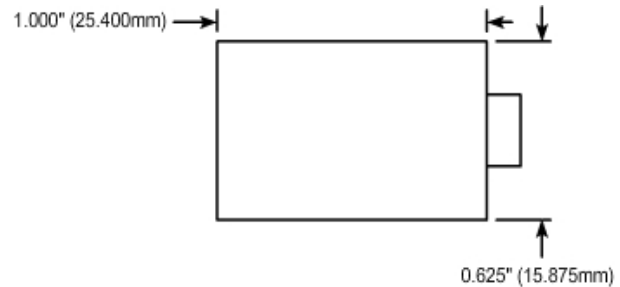
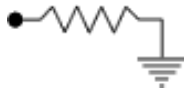
Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Standard Resistance Tolerance:

\pm 5% Other tolerances available upon request.

Part Dimensions

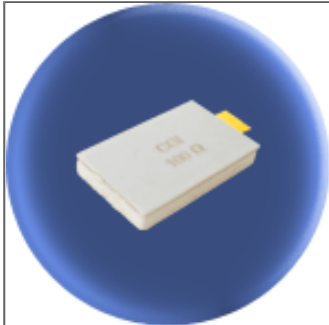


Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

Component General, Inc.

P/N: CCT-625-2

Stripline Chip W/Cover Resistors



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

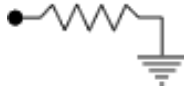
Length: 0.125" Min., Width: 0.250", Thickness 0.004" ± 0.002".

Covers:

Alumina Ceramic.

Tolerance:

± 0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

Electrical Specifications

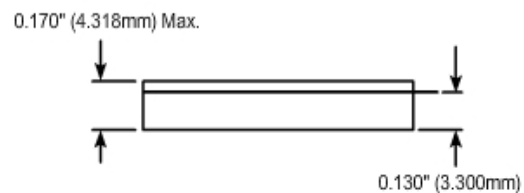
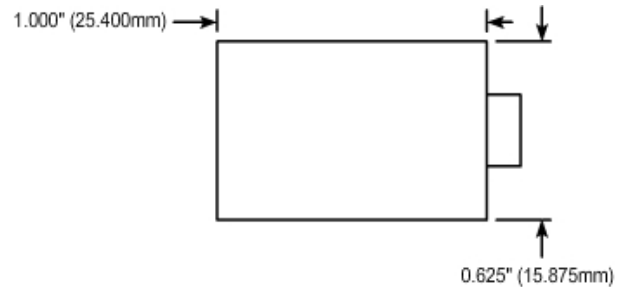
Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

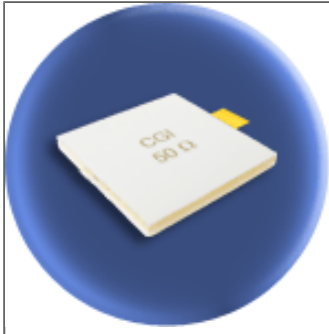
Part Dimensions



Component General, Inc.

P/N: CCT-1000-1

Stripline Chip W/Cover Terminations



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

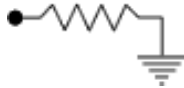
Length: 0.125" Min., Width: 0.250", Thickness 0.004" \pm 0.002".

Covers:

Alumina Ceramic.

Tolerance:

\pm 0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

Electrical Specifications

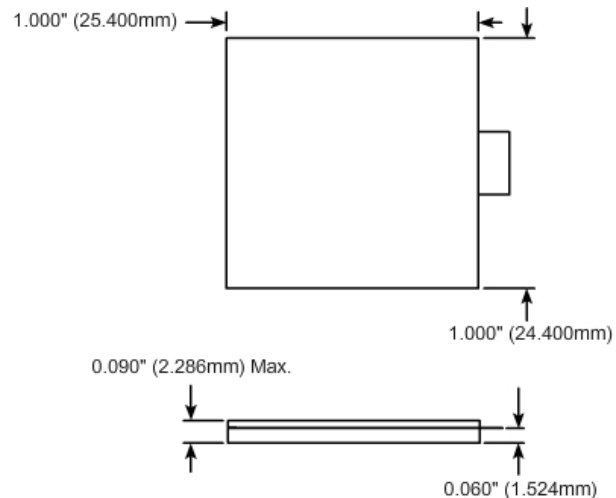
Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Standard Resistance Tolerance:

\pm 5% Other tolerances available upon request.

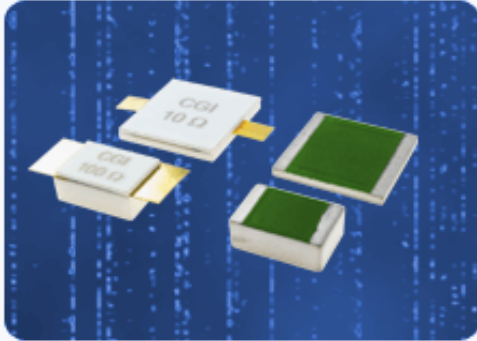
Part Dimensions



Component General, Inc.

■ Stripline Chip Resistors

■ MECHANICAL SPECIFICATIONS



Substrate : Beryllium Oxide Ceramic.
 Resistive Element : Proprietary Thick Film.
 Terminals : Proprietary Silver.
 Tolerance : $\pm .005"$ Except where noted (*), then $\pm .010"$

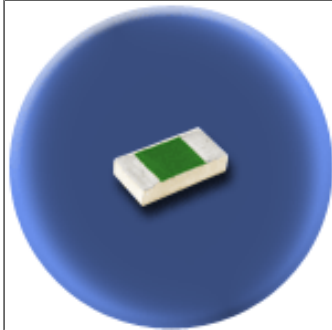
high power chip Terminations product selection chart

CGI P/N	Power	Resistance (Ohms)	Standard Tolerance
Note: Click a part number from the list below to see a data sheet for that part.			
CPR-100-2	62 W	10 - 1000	2 %
CPR-100-2B	40 W	10 - 1000	2 %
CPR-230-1	150 W	10 - 1000	2 %
CPR-230-2	40 W	10 - 1000	2 %
CPR-250-1A	170 W	10 - 1000	2 %
CPR-250-1B	80 W	10 - 1000	2 %
CPR-250-2A	330 W	10 - 1000	2 %
CPR-250-2B	100 W	10 - 1000	2 %
CPR-250-2C	160 W	10 - 1000	2 %
CPR-375-1	350 W	10 - 1000	2 %
CPR-375-1B	250 W	10 - 1000	2 %
CPR-500-1*	500 W	10 - 1000	2 %
CPR-625-1*	700 W	10 - 1000	2 %
CPR-625-2*	185 W	10 - 1000	2 %
CPR-1000-1*	1000 W	10 - 1000	2 %

Component General, Inc.

P/N: CPR-100-2

Stripline Chip Resistors



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Resistive Element :

Proprietary thick film.

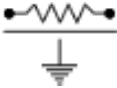
Terminals:

Proprietary Silver.

Tolerance:

± 0.005" unless specified.

Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C



Electrical Specifications

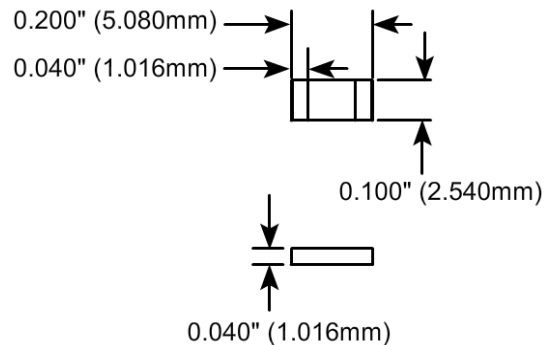
Resistance Value:

10 - 1000 Ω as required. Other values available upon request.

Standard Resistance Tolerance:

± 2% Other tolerances available upon request.

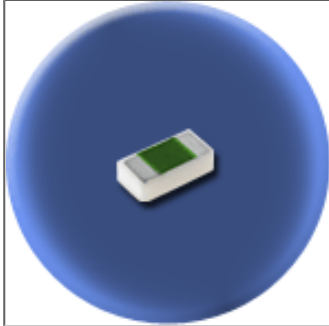
Part Dimensions



Component General, Inc.

P/N: CPR-100-2B

Stripline Chip Resistors



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Resistive Element :

Proprietary thick film.

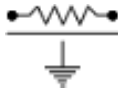
Terminals:

Proprietary Silver.

Tolerance:

± 0.005" unless specified.

Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C



Electrical Specifications

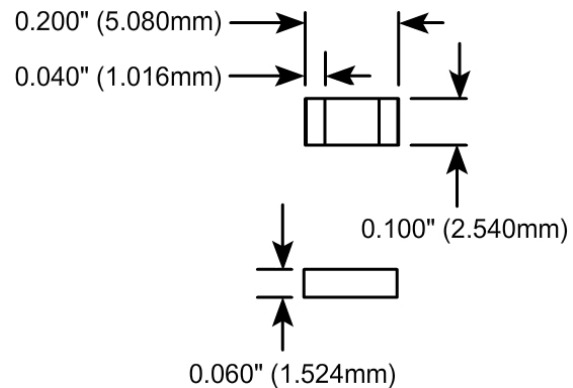
Resistance Value:

10 - 1000 Ω as required. Other values available upon request.

Standard Resistance Tolerance:

2% Other tolerances available upon request.

Part Dimensions



Component General, Inc.

P/N: CPR-230-1

Stripline Chip Resistors

high power thick film resistors



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Resistive Element :

Proprietary thick film.

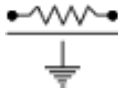
Terminals:

Proprietary Silver.

Tolerance:

± 0.005" unless specified.

Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C



Electrical Specifications

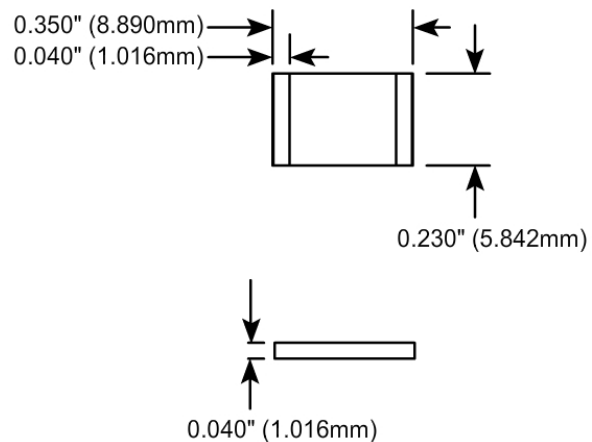
Resistance Value:

10 - 1000 Ω as required. Other values available upon request.

Standard Resistance Tolerance:

± 2% Other tolerances available upon request.

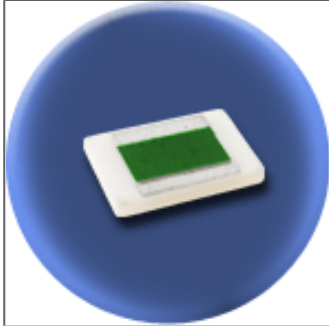
Part Dimensions



Component General, Inc.

P/N: CPR-230-2

Stripline Chip Resistors



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Resistive Element :

Proprietary thick film.

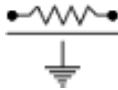
Terminals:

Proprietary Silver.

Tolerance:

± 0.005" unless specified.

Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C



Electrical Specifications

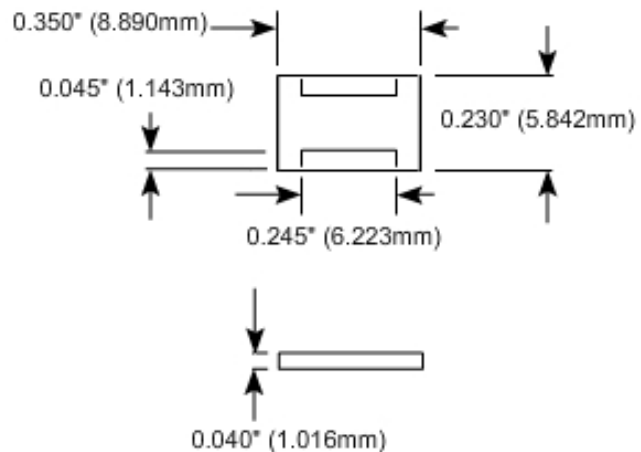
Resistance Value:

10 - 1000 Ω as required. Other values available upon request.

Standard Resistance Tolerance:

± 2% Other tolerances available upon request.

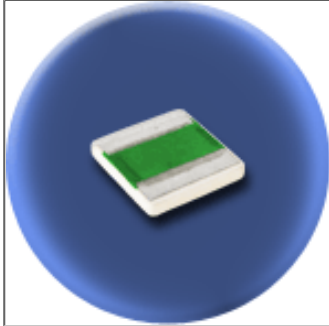
Part Dimensions



Component General, Inc.

P/N: CPR-250-1A

Stripline Chip Resistors



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Resistive Element :

Proprietary thick film.

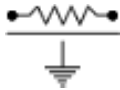
Terminals:

Proprietary Silver.

Tolerance:

± 0.005" unless specified.

Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C



Electrical Specifications

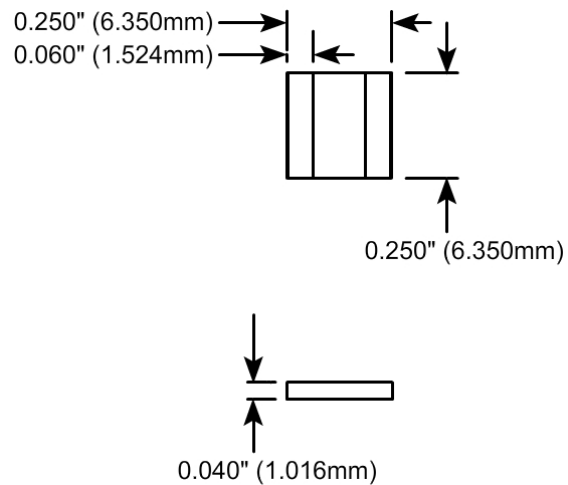
Resistance Value:

10 - 1000 Ω as required. Other values available upon request.

Standard Resistance Tolerance:

± 2% Other tolerances available upon request.

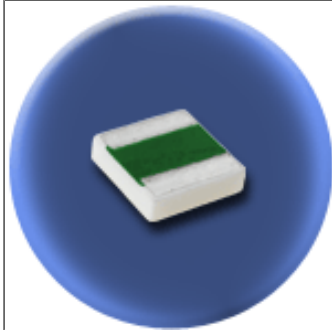
Part Dimensions



Component General, Inc.

P/N: CPR-250-1B

Stripline Chip Resistors



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Resistive Element :

Proprietary thick film.

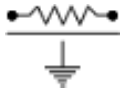
Terminals:

Proprietary Silver.

Tolerance:

± 0.005" unless specified.

Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C



Electrical Specifications

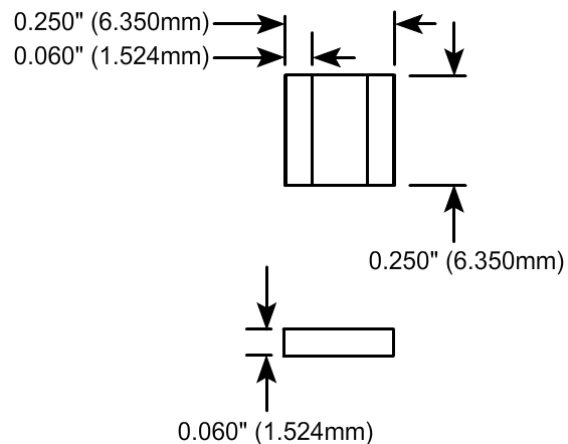
Resistance Value:

10 - 1000 Ω as required. Other values available upon request.

Standard Resistance Tolerance:

± 2% Other tolerances available upon request.

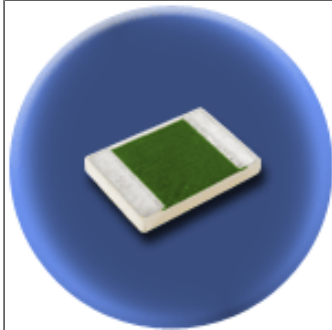
Part Dimensions



Component General, Inc.

P/N: CPR-250-2A

Stripline Chip Resistors



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Resistive Element :

Proprietary thick film.

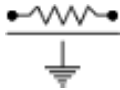
Terminals:

Proprietary Silver.

Tolerance:

± 0.005" unless specified.

Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C



Electrical Specifications

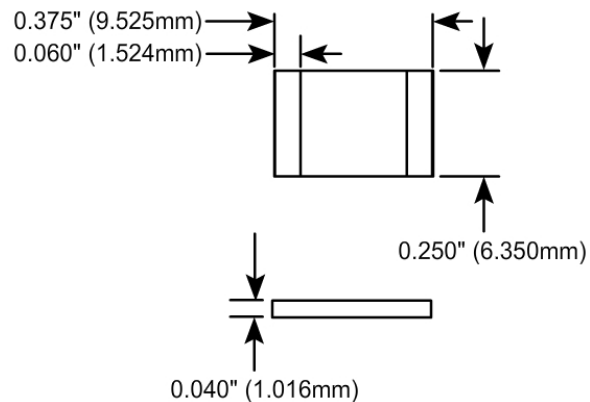
Resistance Value:

10 - 1000 Ω as required. Other values available upon request.

Standard Resistance Tolerance:

± 2% Other tolerances available upon request.

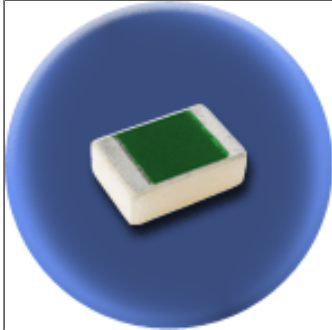
Part Dimensions



Component General, Inc.

P/N: CPR-250-2B

Stripline Chip Resistors



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Resistive Element :

Proprietary thick film.

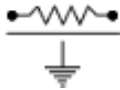
Terminals:

Proprietary Silver.

Tolerance:

± 0.005" unless specified.

Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C



Electrical Specifications

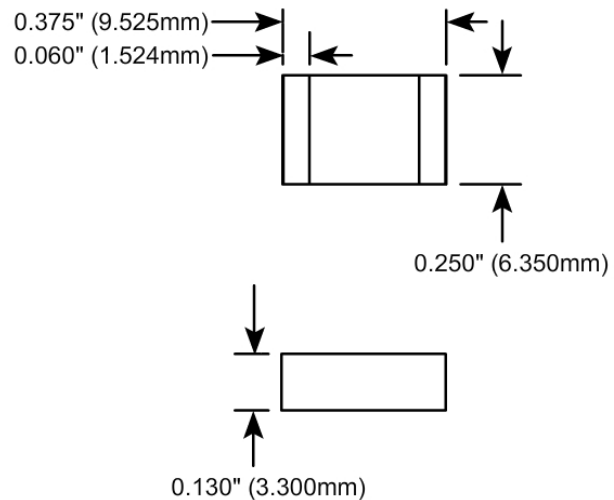
Resistance Value:

10 - 1000 Ω as required. Other values available upon request.

Standard Resistance Tolerance:

± 2% Other tolerances available upon request.

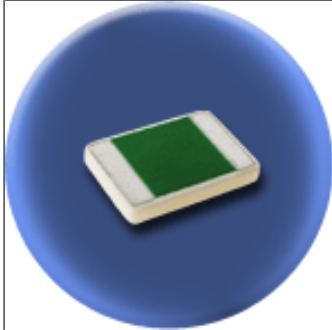
Part Dimensions



Component General, Inc.

P/N: CPR-250-2C

Stripline Chip Resistors



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Resistive Element :

Proprietary thick film.

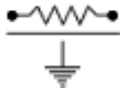
Terminals:

Proprietary Silver.

Tolerance:

± 0.005" unless specified.

Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C



Electrical Specifications

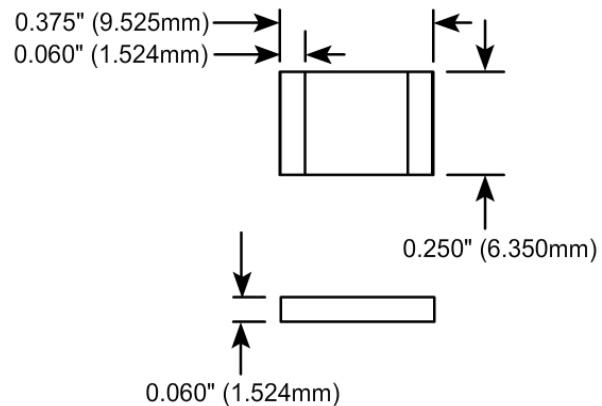
Resistance Value:

10 - 1000 Ω as required. Other values available upon request.

Standard Resistance Tolerance:

± 2% Other tolerances available upon request.

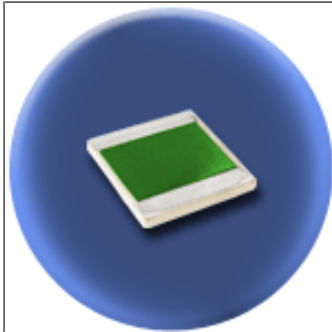
Part Dimensions



Component General, Inc.

P/N: CPR-375-1

Stripline Chip Resistors



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Resistive Element :

Proprietary thick film.

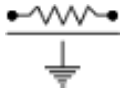
Terminals:

Proprietary Silver.

Tolerance:

± 0.005" unless specified.

Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C



Electrical Specifications

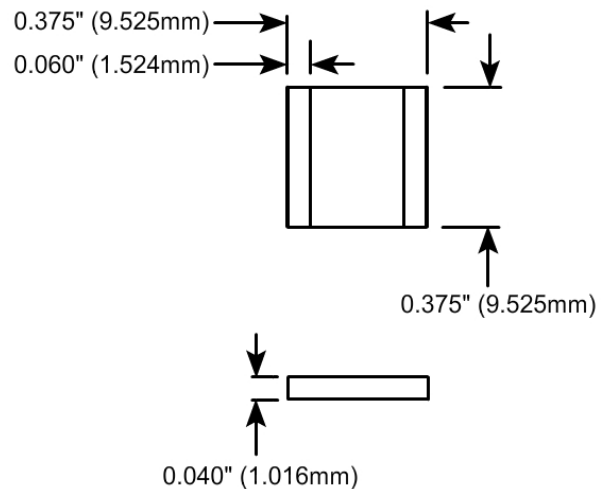
Resistance Value:

10 - 1000 Ω as required. Other values available upon request.

Standard Resistance Tolerance:

± 2% Other tolerances available upon request.

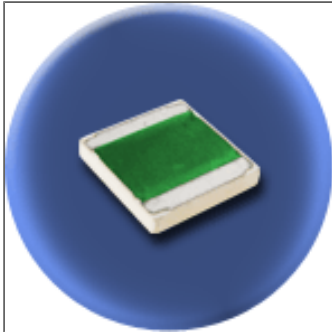
Part Dimensions



Component General, Inc.

P/N: CPR-375-1B

Stripline Chip Resistors



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Resistive Element :

Proprietary thick film.

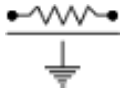
Terminals:

Proprietary Silver.

Tolerance:

± 0.005" unless specified.

Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C



Electrical Specifications

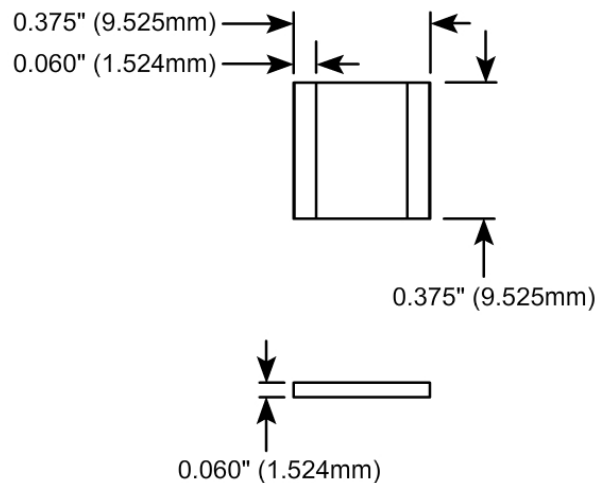
Resistance Value:

10 - 1000 Ω as required. Other values available upon request.

Standard Resistance Tolerance:

± 2% Other tolerances available upon request.

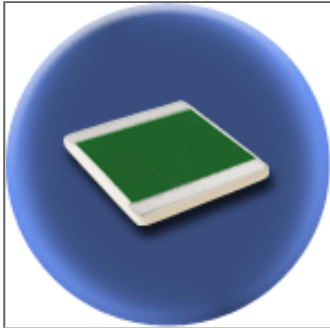
Part Dimensions



Component General, Inc.

P/N: CPR-500-1

Stripline Chip Resistors



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Resistive Element :

Proprietary thick film.

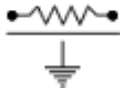
Terminals:

Proprietary Silver.

Tolerance:

± 0.010" unless specified.

Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C



Electrical Specifications

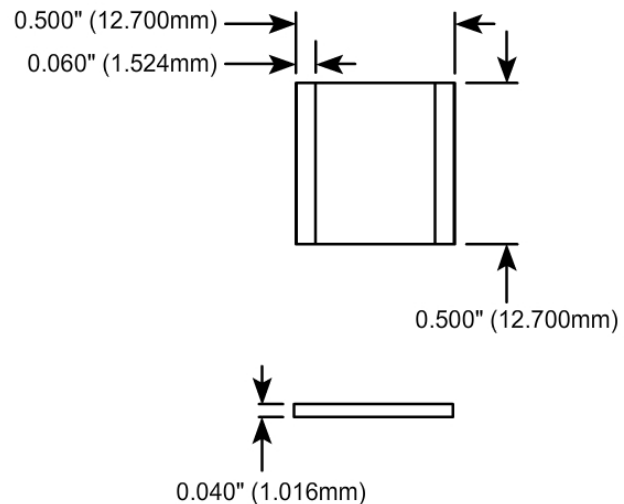
Resistance Value:

10 - 1000 Ω as required. Other values available upon request.

Standard Resistance Tolerance:

± 2% Other tolerances available upon request.

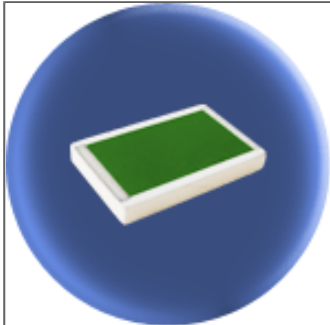
Part Dimensions



Component General, Inc.

P/N: CPR-625-1

Stripline Chip Resistors



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Resistive Element :

Proprietary thick film.

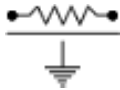
Terminals:

Proprietary Silver.

Tolerance:

± 0.010" unless specified.

Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C



Electrical Specifications

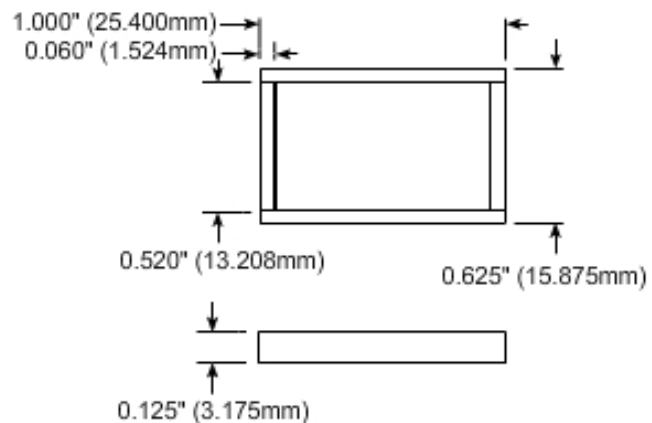
Resistance Value:

10 - 1000 Ω as required. Other values available upon request.

Standard Resistance Tolerance:

± 2% Other tolerances available upon request.

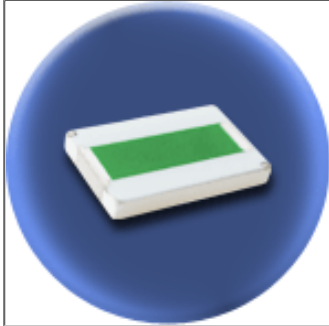
Part Dimensions



Component General, Inc.

P/N: CPR-625-2

Stripline Chip Resistors



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Resistive Element :

Proprietary thick film.

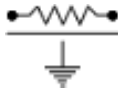
Terminals:

Proprietary Silver.

Tolerance:

± 0.010" unless specified.

Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C



Electrical Specifications

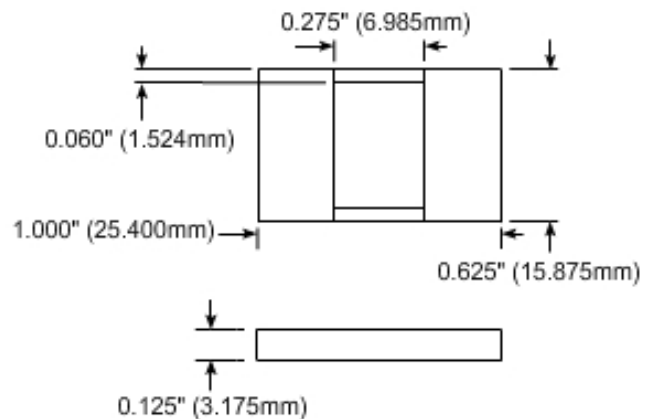
Resistance Value:

10 - 1000 Ω as required. Other values available upon request.

Standard Resistance Tolerance:

± 2% Other tolerances available upon request.

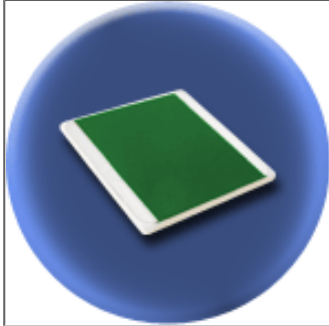
Part Dimensions



Component General, Inc.

P/N: CPR-1000-1

Stripline Chip Resistors



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Resistive Element :

Proprietary thick film.

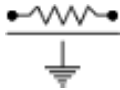
Terminals:

Proprietary Silver.

Tolerance:

± 0.010" unless specified.

Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C



Electrical Specifications

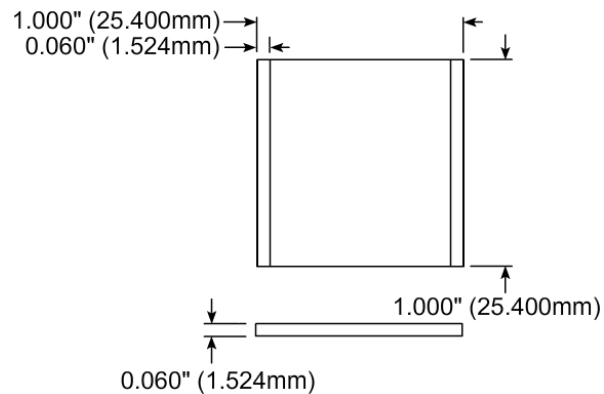
Resistance Value:

10 - 1000 Ω as required. Other values available upon request.

Standard Resistance Tolerance:

± 2% Other tolerances available upon request.

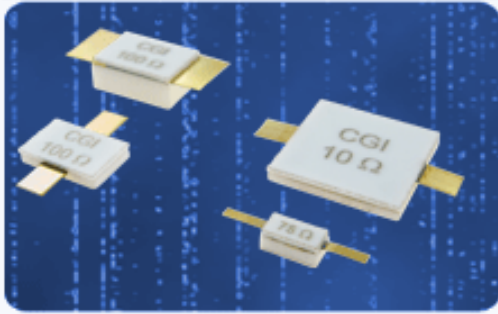
Part Dimensions



Component General, Inc.

■ Stripline Chip Resistors

■ MECHANICAL SPECIFICATIONS



Substrate : Beryllium Oxide Ceramic.

Contact: Beryllium Copper - Gold Plated per MIL-G-45204

Covers : Alumina Ceramic.

Tolerance : $\pm .010$ " Unless specified.

high power chip resistors product selection chart

CGI P/N	Power	Resistance (Ohms)	Standard Tolerance
CCR-100-2	62 W	10 - 1000	5 %
CCR-100-2B	40 W	10 - 1000	5 %
CCR-230-1	150 W	10 - 1000	5 %
CCR-230-2	40 W	10 - 1000	5 %
CCR-250-1	170 W	10 - 1000	5 %
CCR-250-1B	80 W	10 - 1000	5 %
CCR-250-2	330 W	10 - 1000	5 %
CCR-250-2B	100 W	10 - 1000	5 %
CCR-250-2C	160 W	10 - 1000	5 %
CCR-375-1	350 W	10 - 1000	5 %
CCR-375-1B	250 W	10 - 1000	5 %
CCR-500-1	500 W	10 - 1000	5 %
CCR-625-1	700 W	10 - 1000	5 %
CCR-625-2	180 W	10 - 1000	5 %
CCR-1000-1	1000 W	10 - 1000	5 %

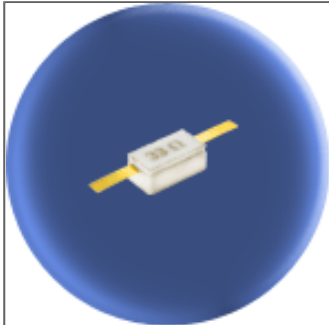
[Component General Inc.](#)

2445 Success Drive Odessa, FL 33556 Phone: 727-376-6655 or 800-246-4084

Component General, Inc.

P/N: CCR-100-2

Stripline Chip W/Cover Resistors



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

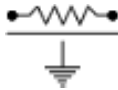
Length: 0.125" Min., Width: 0.040", Thickness 0.004" \pm 0.002".

Covers:

Alumina Ceramic.

Tolerance:

\pm 0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

Electrical Specifications

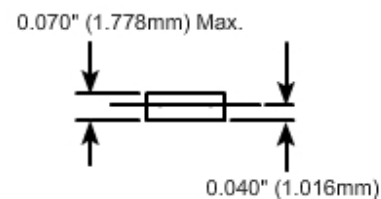
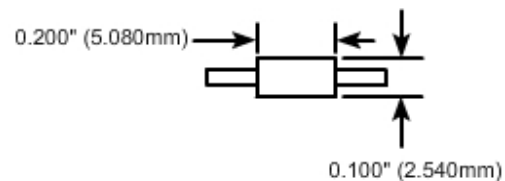
Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Standard Resistance Tolerance:

\pm 5% Other tolerances available upon request.

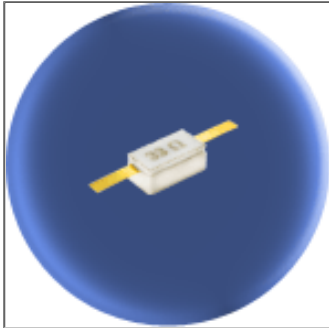
Part Dimensions



Component General, Inc.

P/N: CCR-100-2B

Stripline Chip W/Cover Resistors



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

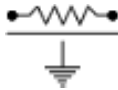
Length: 0.125" Min., Width: 0.040", Thickness 0.004" \pm 0.002".

Covers:

Alumina Ceramic.

Tolerance:

\pm 0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

Electrical Specifications

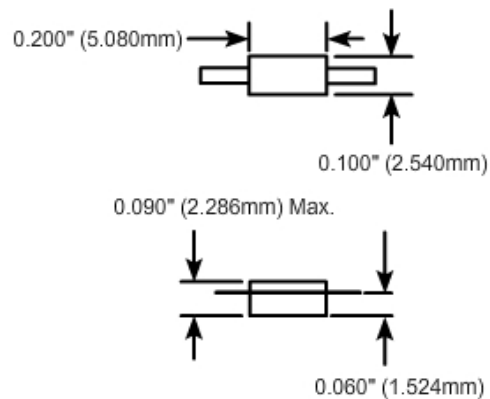
Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Standard Resistance Tolerance:

\pm 5% Other tolerances available upon request.

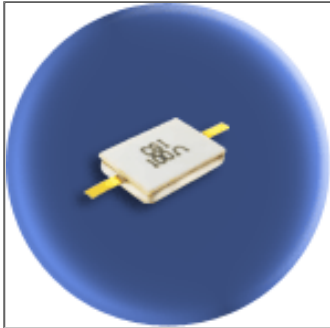
Part Dimensions



Component General, Inc.

P/N: CCR-230-1

Stripline Chip W/Cover Resistors



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

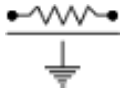
Length: 0.125" Min., Width: 0.040", Thickness 0.004" \pm 0.002".

Covers:

Alumina Ceramic.

Tolerance:

\pm 0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

Electrical Specifications

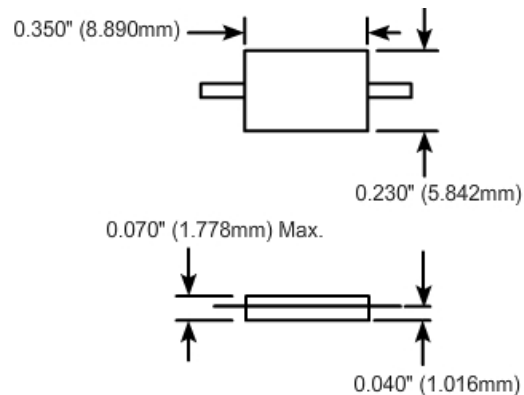
Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Standard Resistance Tolerance:

\pm 5% Other tolerances available upon request.

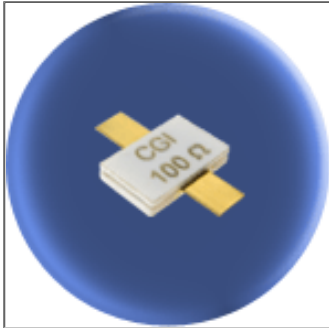
Part Dimensions



Component General, Inc.

P/N: CCR-230-2

Stripline Chip W/Cover Resistors



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

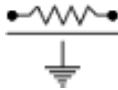
Length: 0.125" Min., Width: 0.120", Thickness 0.004" \pm 0.002".

Covers:

Alumina Ceramic.

Tolerance:

\pm 0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

Electrical Specifications

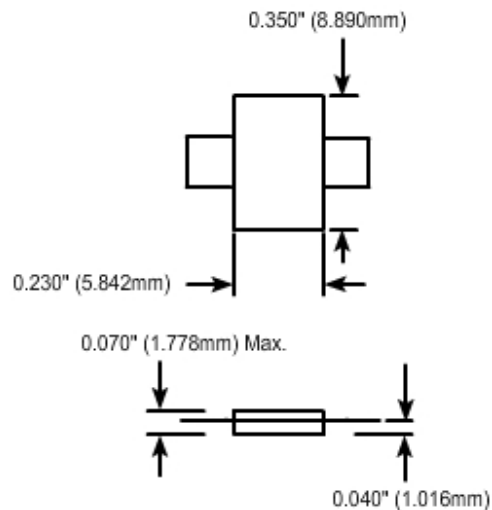
Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Standard Resistance Tolerance:

\pm 5% Other tolerances available upon request.

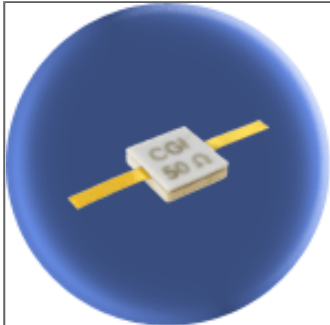
Part Dimensions



Component General, Inc.

P/N: CCR-250-1

Stripline Chip W/Cover Resistors



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

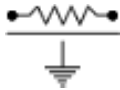
Length: 0.250" Min., Width: 0.060", Thickness 0.004" \pm 0.002".

Covers:

Alumina Ceramic.

Tolerance:

\pm 0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

Electrical Specifications

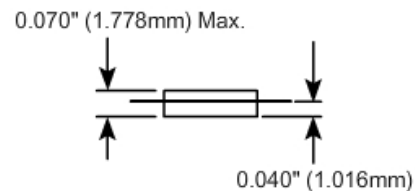
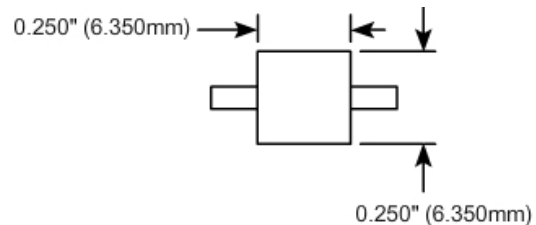
Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Standard Resistance Tolerance:

\pm 5% Other tolerances available upon request.

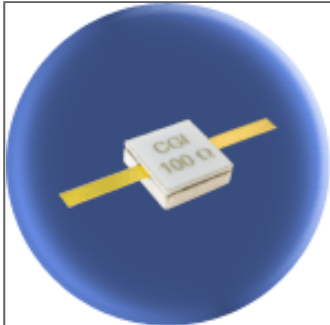
Part Dimensions



Component General, Inc.

P/N: CCR-250-1B

Stripline Chip W/Cover Resistors



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

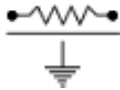
Length: 0.250" Min., Width: 0.060", Thickness 0.004" \pm 0.002".

Covers:

Alumina Ceramic.

Tolerance:

\pm 0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

Electrical Specifications

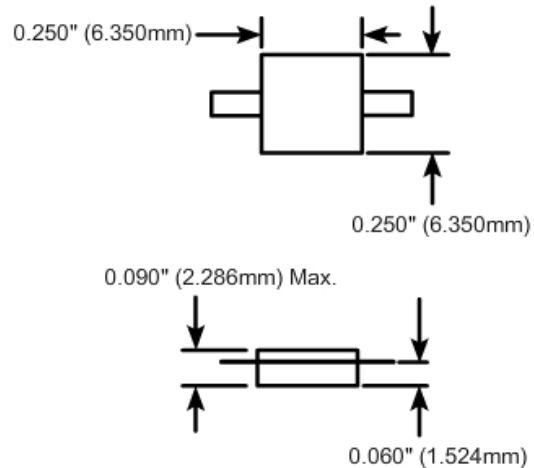
Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Standard Resistance Tolerance:

\pm 5% Other tolerances available upon request.

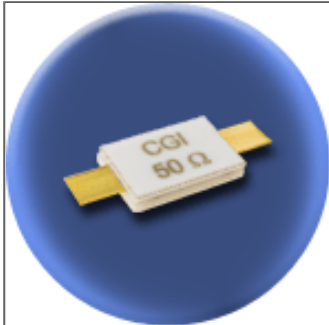
Part Dimensions



Component General, Inc.

P/N: CCR-250-2

Stripline Chip W/Cover Resistors



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

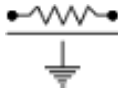
Length: 0.125" Min., Width: 0.120", Thickness 0.004" ± 0.002".

Covers:

Alumina Ceramic.

Tolerance:

± 0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

Electrical Specifications

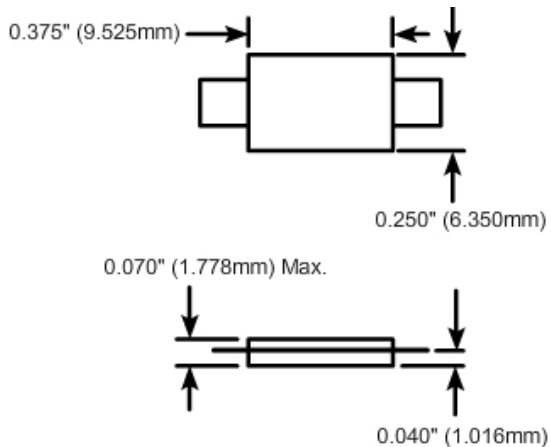
Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

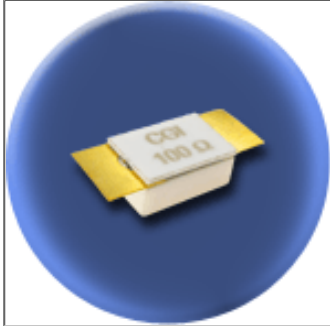
Part Dimensions



Component General, Inc.

P/N: CCR-250-2B

Stripline Chip W/Cover Resistors



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

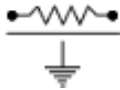
Length 0.125" Min., Width 0.250", Thickness 0.004 ± 0.002 ".

Covers:

Alumina Ceramic.

Tolerance:

± 0.010 " unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

Electrical Specifications

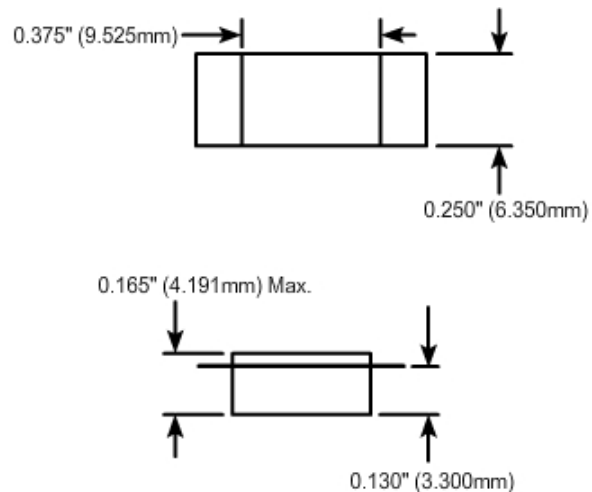
Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Standard Resistance Tolerance:

$\pm 5\%$ Other tolerances available upon request.

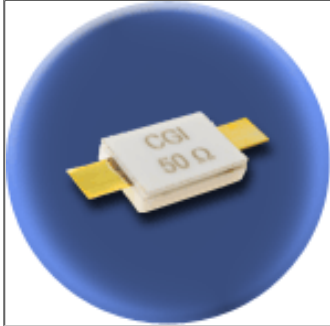
Part Dimensions



Component General, Inc.

P/N: CCR-250-2C

Stripline Chip W/Cover Resistors



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

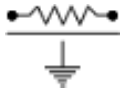
Length: 0.125" Min., Width: 0.120", Thickness 0.004" \pm 0.002".

Covers:

Alumina Ceramic.

Tolerance:

\pm 0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

Electrical Specifications

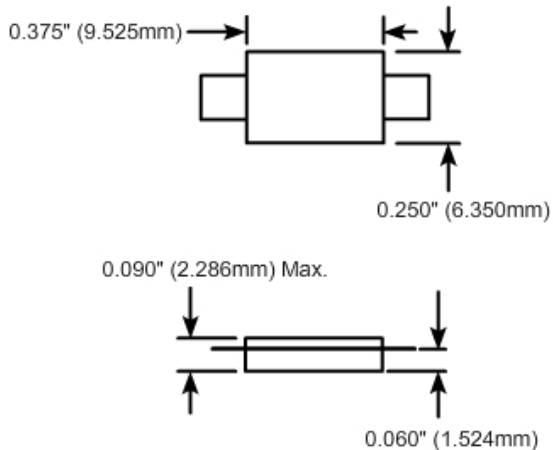
Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Standard Resistance Tolerance:

\pm 5% Other tolerances available upon request.

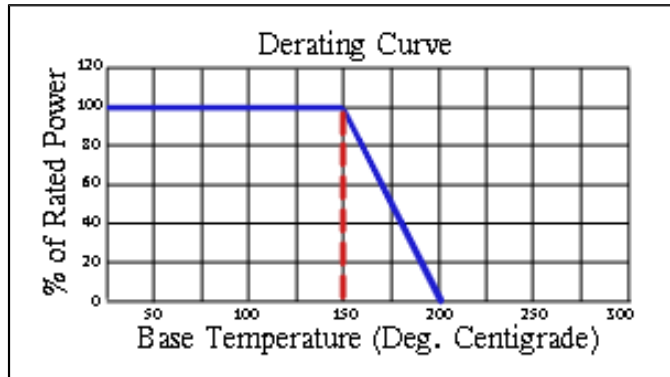
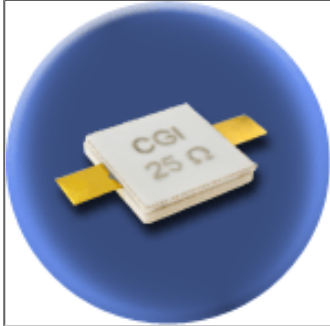
Part Dimensions



Component General, Inc.

P/N: CCR-375-1

Stripline Chip W/Cover Resistors



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

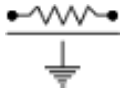
Length: 0.125" Min., Width: 0.120", Thickness 0.004" ± 0.002".

Covers:

Alumina Ceramic.

Tolerance:

± 0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

Electrical Specifications

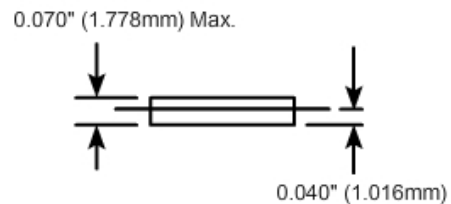
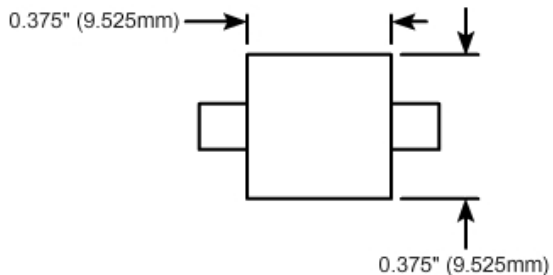
Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

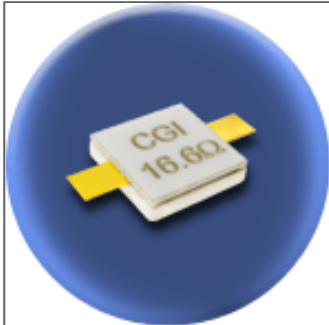
Part Dimensions



Component General, Inc.

P/N: CCR-375-1B

Stripline Chip W/Cover Resistors



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

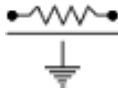
Length: 0.125" Min., Width: 0.120", Thickness 0.004" \pm 0.002".

Covers:

Alumina Ceramic.

Tolerance:

\pm 0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

Electrical Specifications

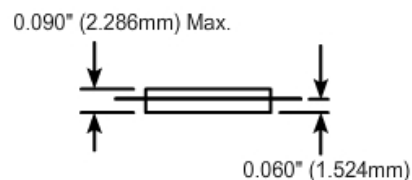
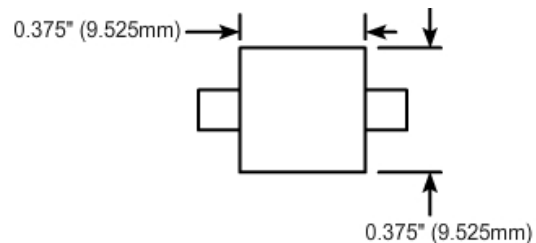
Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Standard Resistance Tolerance:

\pm 5% Other tolerances available upon request.

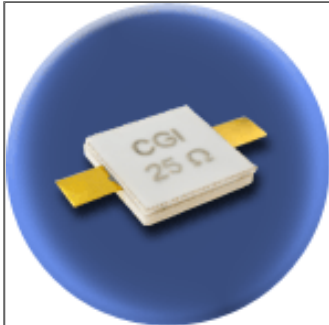
Part Dimensions



Component General, Inc.

P/N: CCR-375-3

Stripline Chip W/Cover Resistors



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

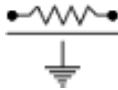
Length: 0.125" Min., Width: 0.120", Thickness 0.004" \pm 0.002".

Covers:

Alumina Ceramic.

Tolerance:

\pm 0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

Electrical Specifications

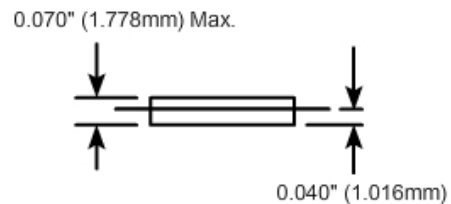
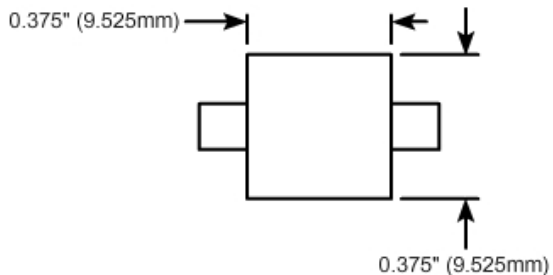
Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Standard Resistance Tolerance:

\pm 5% Other tolerances available upon request.

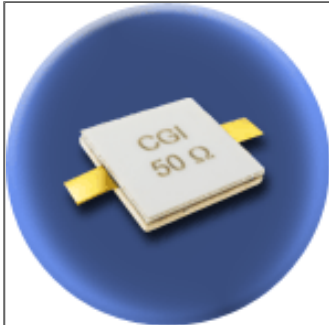
Part Dimensions



Component General, Inc.

P/N: CCR-500-1

Stripline Chip W/Cover Resistors



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

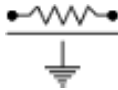
Length: 0.125" Min., Width: 0.120", Thickness 0.004" \pm 0.002".

Covers:

Alumina Ceramic.

Tolerance:

\pm 0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

Electrical Specifications

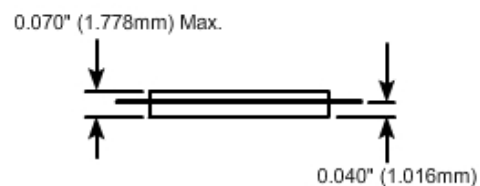
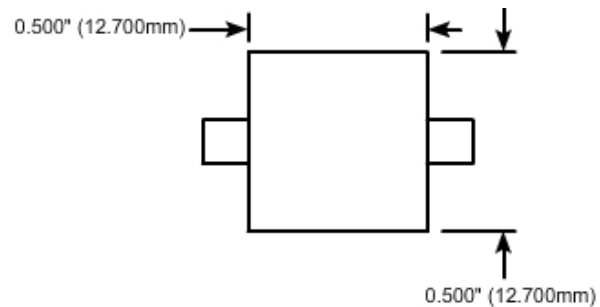
Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Standard Resistance Tolerance:

\pm 5% Other tolerances available upon request.

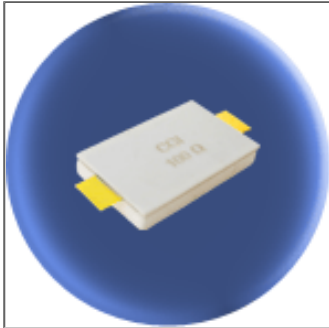
Part Dimensions



Component General, Inc.

P/N: CCR-625-1

Stripline Chip W/Cover Resistors



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

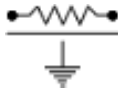
Length: 0.125" Min., Width: 0.250", Thickness 0.004" \pm 0.002".

Covers:

Alumina Ceramic.

Tolerance:

\pm 0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

Electrical Specifications

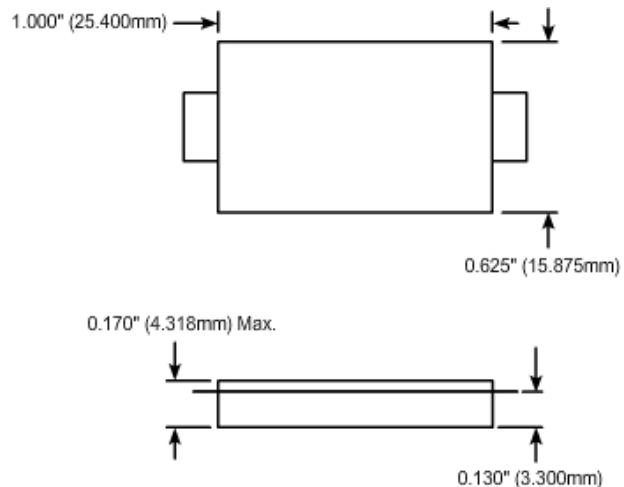
Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Standard Resistance Tolerance:

\pm 5% Other tolerances available upon request.

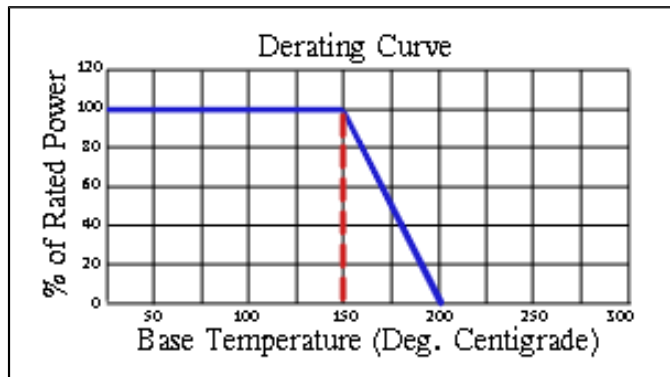
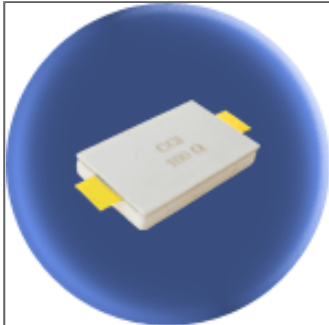
Part Dimensions



Component General, Inc.

P/N: CCR-625-2

Stripline Chip W/Cover Resistors



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

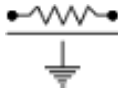
Length: 0.125" Min., Width: 0.250", Thickness 0.004" \pm 0.002".

Covers:

Alumina Ceramic.

Tolerance:

\pm 0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

Electrical Specifications

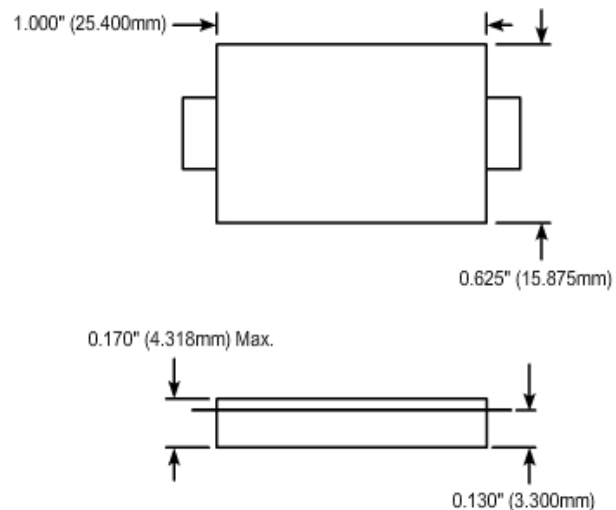
Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Standard Resistance Tolerance:

\pm 5% Other tolerances available upon request.

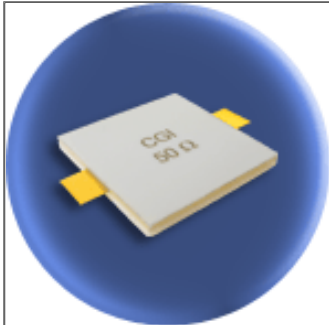
Part Dimensions



Component General, Inc.

P/N: CCR-1000-1

Stripline Chip W/Cover Resistors



Mechanical Specifications

Substrate:

Beryllium Oxide Ceramic.

Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

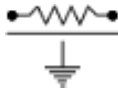
Length: 0.125" Min., Width: 0.250", Thickness 0.004" ± 0.002".

Covers:

Alumina Ceramic.

Tolerance:

± 0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

Electrical Specifications

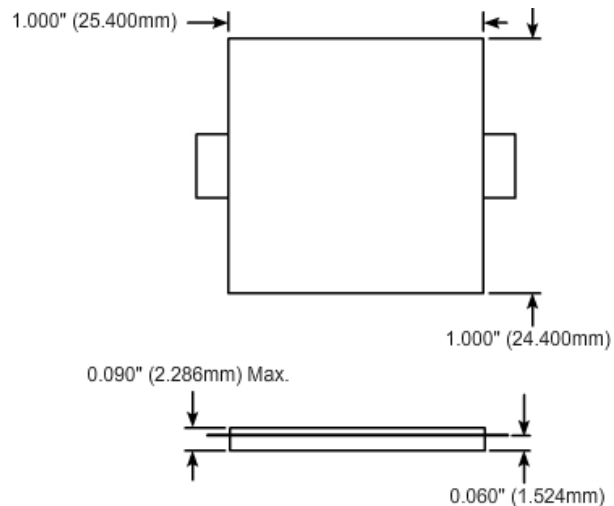
Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

Part Dimensions



Component General, Inc.

■ Microwave Carbon Rod Resistors

■ MECHANICAL SPECIFICATIONS



Substrate: Alumina or Beryllium Oxide Ceramic (Note: Letter "P" Denotes Beryllium Oxide.)

Std. Tolerance: Standard Resistance Tolerance $\pm 2\%$ at 25°C

Terminals: Terminal Areas are Nickel/Tin Plated which reduces oxidation thus providing a more solderable terminal.

Temperature Range: -55°C to +200°C.

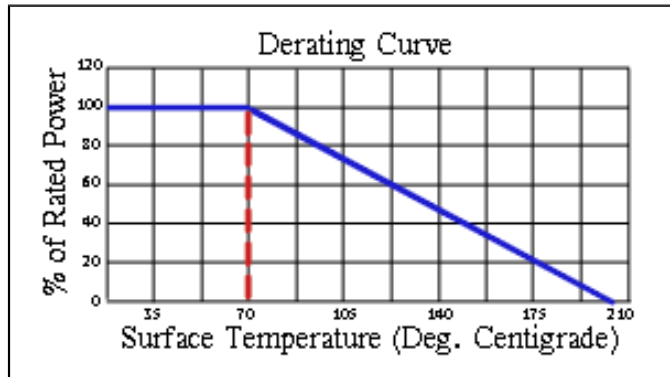
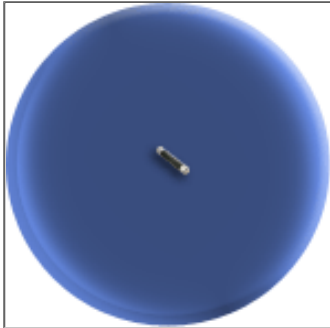
high power carbon rod resistors product selection chart

P/N	Nominal Power	O.D.	Length	Terminal
C40R115	1/10 W	0.039" - 0.044"	0.110" - 0.120"	0.020" - 0.040"
C60R120P	10 W	0.057" - 0.065"	0.115" - 0.127"	0.020" - 0.040"
C62R187	1/8 W	0.060" - 0.066"	0.181" - 0.193"	0.040" - 0.070"
C62R187P	10 W	0.060" - 0.066"	0.181" - 0.193"	0.040" - 0.070"
C62R375P	10 W	0.060" - 0.066"	0.370" - 0.382"	0.032" - 0.062"
C98R062	1/10 W	0.095" - 0.105"	0.057" - 0.067"	0.005" - 0.020"
C125R406	1/2 W	0.123" - 0.129"	0.401" - 0.413"	0.090" - 0.125"
C125R500	1/2 W	0.123" - 0.129"	0.493" - 0.509"	0.048" - 0.078"
C125R500P	20 W	0.123" - 0.129"	0.493" - 0.509"	0.048" - 0.078"
C250R500P	25 W	0.247" - 0.255"	0.493" - 0.509"	0.110" - 0.140"
C250R750P	30 W	0.247" - 0.255"	0.740" - 0.760"	0.110" - 0.140"
C375R750P	60 W	0.370" - 0.380"	0.740" - 0.760"	0.110" - 0.140"
C125R500S	1/2 W	0.124" - 0.128"	0.490" - 0.512"	0.000" - 0.030"

Component General, Inc.

P/N:C40R115

Microwave Rods



Mechanical Specifications

Substrate Material:

Alumina Ceramic.

Terminals:

Terminal areas are nickel / tin plated which reduces oxidation thus providing a more solderable terminal.

Temperature Range :

-55°C to + 200°C.

Temperature Coefficient :

Standard Temperature Coefficient is -200 to -300 PPM/°C.

Electrical Specifications

Resistance Value:

10 - 500 Ω As required. Other values available upon request.

Standard Resistance

Tolerance:

Standard Tolerance is $\pm 2\%$ at 25 °C. Other Tolerances are available upon request.

Nominal Power:

1/10 W.

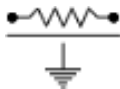
Frequency Range :

D.C. to 18 GHz dependent upon how the resistors are mounted and the mounting Hardware's configuration.

Load Life :

The maximum anticipated change in resistance is 1 % when operated at listed rating for 1,000 hours.

Part Dimensions



0.020" (0.508mm) - 0.040" (1.016mm) → | | ←
0.110" (2.794mm) - 0.120" (3.048mm) → | | ←

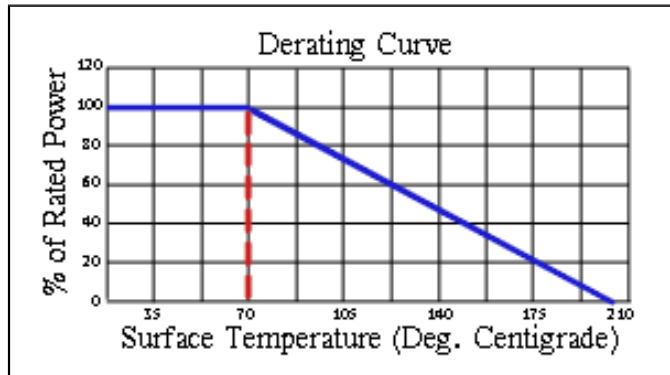
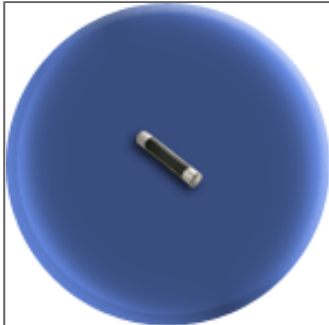


.039" (0.991mm) - 0.044" (1.118mm)

Component General, Inc.

P/N:C60R120P

Microwave Rods



Mechanical Specifications

Substrate Material:

Beryllium Oxide Ceramic.

(Note: Letter "P" denotes Beryllium Oxide.)

Terminals:

Terminal areas are nickel / tin plated which reduces oxidation thus providing a more solderable terminal.

Temperature Range :

-55°C to + 200°C.

Temperature Coefficient :

Standard Temperature Coefficient is
-200 to -300 PPM/°C.

Electrical Specifications

Resistance Value:

10 - 500 Ω As required. Other values available upon request.

Standard Resistance

Tolerance:

Standard Tolerance is $\pm 2\%$ at 25 °C.
Other Tolerances are available upon request.

Nominal Power:

10 W.

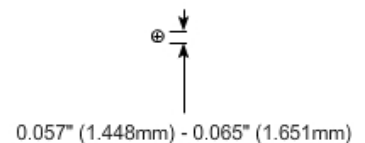
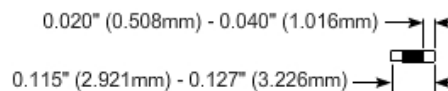
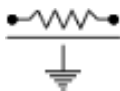
Frequency Range :

D.C. to 18 GHz dependent upon how the resistors are mounted and the mounting Hardware's configuration.

Load Life :

The maximum anticipated change in resistance is 1 % when operated at listed rating for 1,000 hours.

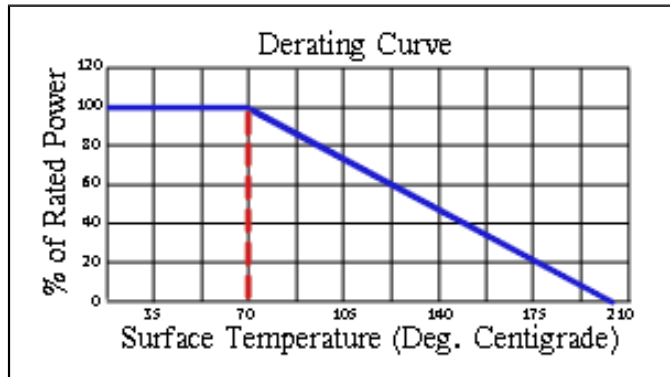
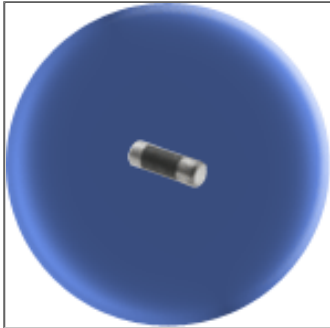
Part Dimensions



Component General, Inc.

P/N:C62R187

Microwave Rods



Mechanical Specifications

Substrate Material:

Alumina Ceramic.

Terminals:

Terminal areas are nickel / tin plated which reduces oxidation thus providing a more solderable terminal.

Temperature Range :

-55°C to +200°C.

Temperature Coefficient :

Standard Temperature Coefficient is -200 to -300 PPM/°C.

Electrical Specifications

Resistance Value:

10 - 500 Ω As required. Other values available upon request.

Standard Resistance

Tolerance:

Standard Tolerance is $\pm 2\%$ at 25 °C. Other Tolerances are available upon request.

Nominal Power:

1/8 W.

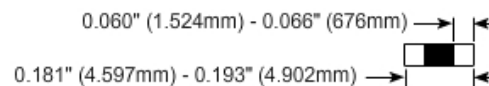
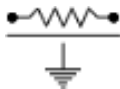
Frequency Range :

D.C. to 18 GHz dependent upon how the resistors are mounted and the mounting Hardware's configuration.

Load Life :

The maximum anticipated change in resistance is 1 % when operated at listed rating for 1,000 hours.

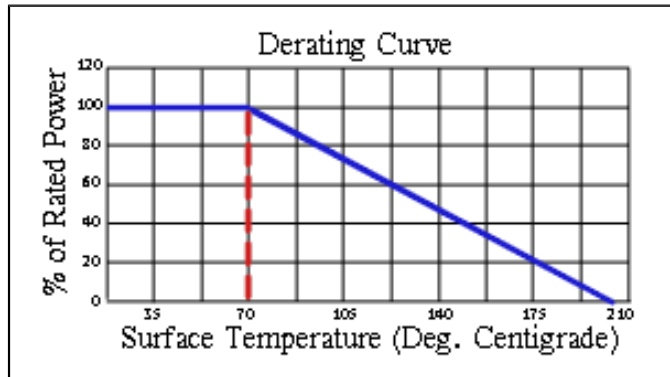
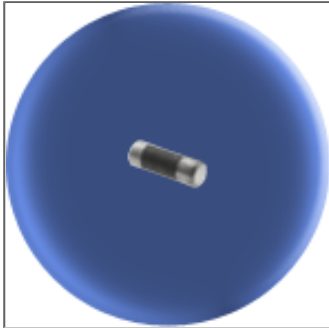
Part Dimensions



Component General, Inc.

P/N:C62R187P

Microwave Rods



Mechanical Specifications

Substrate Material:

Beryllium Oxide Ceramic.

(Note: Letter "P" denotes Beryllium Oxide.)

Terminals:

Terminal areas are nickel / tin plated which reduces oxidation thus providing a more solderable terminal.

Temperature Range :

-55°C to + 200°C.

Temperature Coefficient :

Standard Temperature Coefficient is -200 to -300 PPM/°C.

Electrical Specifications

Resistance Value:

10 - 500 Ω As required. Other values available upon request.

Standard Resistance

Tolerance:

Standard Tolerance is $\pm 2\%$ at 25 °C. Other Tolerances are available upon request.

Nominal Power:

10 W.

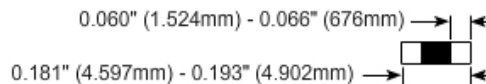
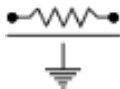
Frequency Range :

D.C. to 18 GHz dependent upon how the resistors are mounted and the mounting Hardware's configuration.

Load Life :

The maximum anticipated change in resistance is 1 % when operated at listed rating for 1,000 hours.

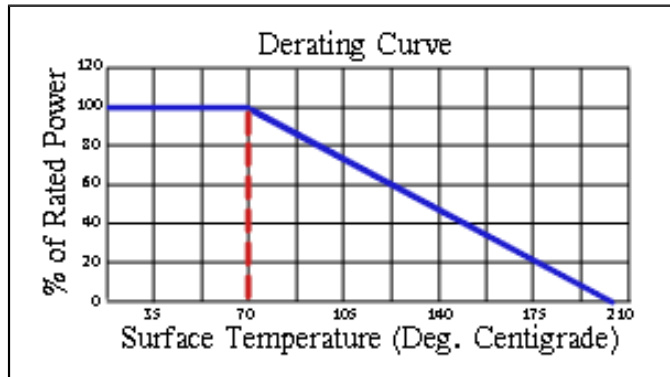
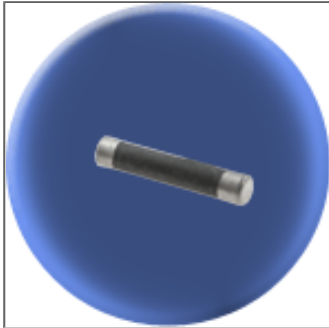
Part Dimensions



Component General, Inc.

P/N:C62R375P

Microwave Rods



Mechanical Specifications

Substrate Material:

Beryllium Oxide Ceramic.

(Note: Letter "P" denotes Beryllium Oxide.)

Terminals:

Terminal areas are nickel / tin plated which reduces oxidation thus providing a more solderable terminal.

Temperature Range :

-55°C to + 200°C.

Temperature Coefficient :

Standard Temperature Coefficient is -200 to -300 PPM/°C.

Electrical Specifications

Resistance Value:

10 - 500 Ω As required. Other values available upon request.

Standard Resistance

Tolerance:

Standard Tolerance is $\pm 2\%$ at 25 °C. Other Tolerances are available upon request.

Nominal Power:

10 W.

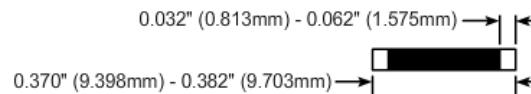
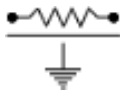
Frequency Range :

D.C. to 18 GHz dependent upon how the resistors are mounted and the mounting Hardware's configuration.

Load Life :

The maximum anticipated change in resistance is 1 % when operated at listed rating for 1,000 hours.

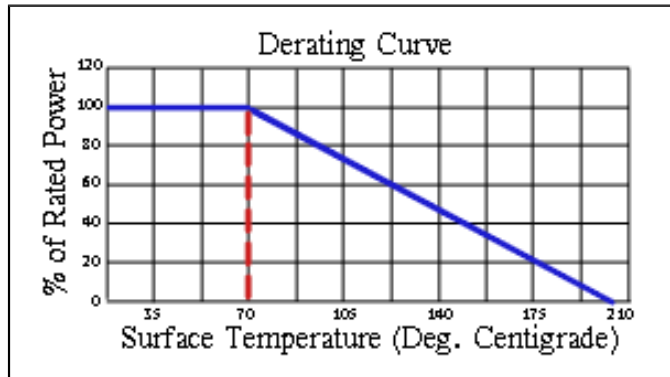
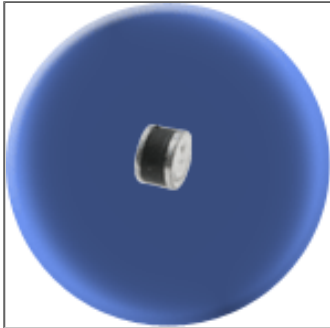
Part Dimensions



Component General, Inc.

P/N:C98R062

Microwave Rods



Mechanical Specifications

Substrate Material:

Alumina Ceramic.

Terminals:

Terminal areas are nickel / tin plated which reduces oxidation thus providing a more solderable terminal.

Temperature Range :

-55°C to + 200°C.

Temperature Coefficient :

Standard Temperature Coefficient is -200 to -300 PPM/°C.

Electrical Specifications

Resistance Value:

10 - 500 Ω As required. Other values available upon request.

Standard Resistance

Tolerance:

Standard Tolerance is $\pm 2\%$ at 25 °C. Other Tolerances are available upon request.

Nominal Power:

1/10 W.

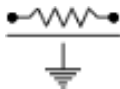
Frequency Range :

D.C. to 18 GHz dependent upon how the resistors are mounted and the mounting Hardware's configuration.

Load Life :

The maximum anticipated change in resistance is 1 % when operated at listed rating for 1,000 hours.

Part Dimensions



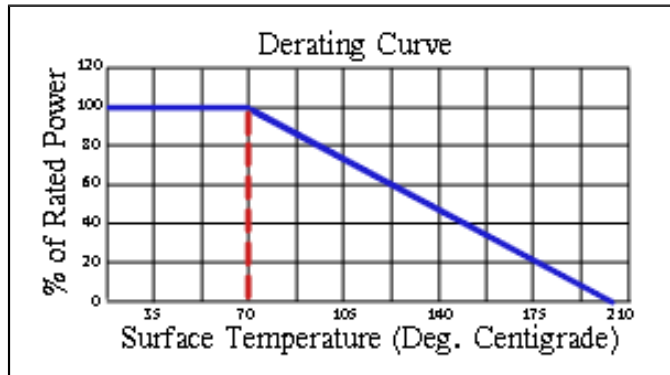
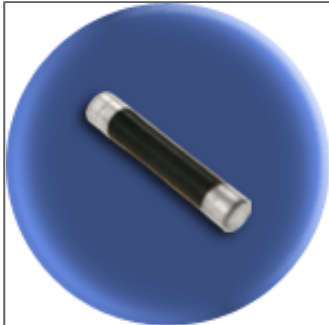
0.005" (0.127mm) - 0.020" (0.508mm)
0.057" (1.448mm) - 0.067" (1.702mm)

0.095" (2.413mm) - 0.105" (2.667mm)

Component General, Inc.

P/N:C125R406

Microwave Rods



Mechanical Specifications

Substrate Material:

Alumina Ceramic.

Terminals:

Terminal areas are nickel / tin plated which reduces oxidation thus providing a more solderable terminal.

Temperature Range :

-55°C to + 200°C.

Temperature Coefficient :

Standard Temperature Coefficient is -200 to -300 PPM/°C.

Electrical Specifications

Resistance Value:

10 - 500 Ω As required. Other values available upon request.

Standard Resistance

Tolerance:

Standard Tolerance is $\pm 2\%$ at 25 °C. Other Tolerances are available upon request.

Nominal Power:

1/2 W.

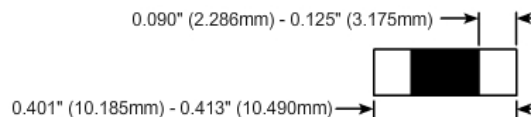
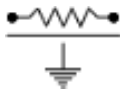
Frequency Range :

D.C. to 18 GHz dependent upon how the resistors are mounted and the mounting Hardware's configuration.

Load Life :

The maximum anticipated change in resistance is 1 % when operated at listed rating for 1,000 hours.

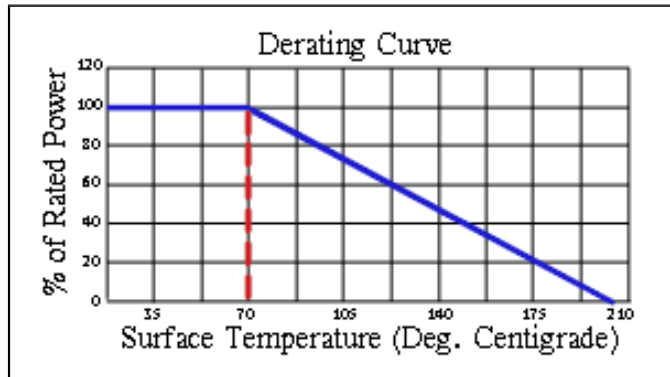
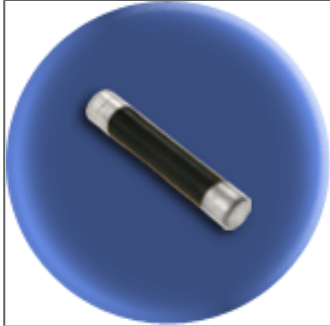
Part Dimensions



Component General, Inc.

P/N:C125R500

Microwave Rods



Mechanical Specifications

Substrate Material:

Alumina Ceramic.

Terminals:

Terminal areas are nickel / tin plated which reduces oxidation thus providing a more solderable terminal.

Temperature Range :

-55°C to + 200°C.

Temperature Coefficient :

Standard Temperature Coefficient is -200 to -300 PPM/°C.

Electrical Specifications

Resistance Value:

10 - 500 Ω As required. Other values available upon request.

Standard Resistance

Tolerance:

Standard Tolerance is $\pm 2\%$ at 25 °C. Other Tolerances are available upon request.

Nominal Power:

1/2 W.

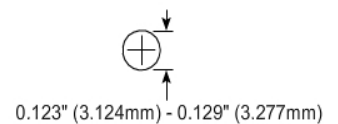
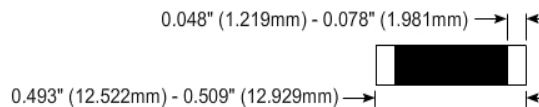
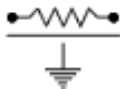
Frequency Range :

D.C. to 18 GHz dependent upon how the resistors are mounted and the mounting Hardware's configuration.

Load Life :

The maximum anticipated change in resistance is 1 % when operated at listed rating for 1,000 hours.

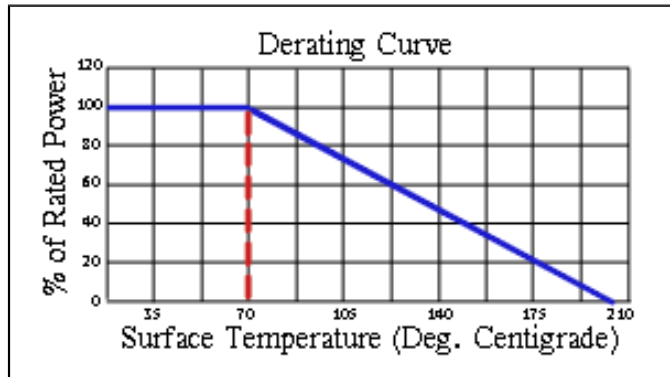
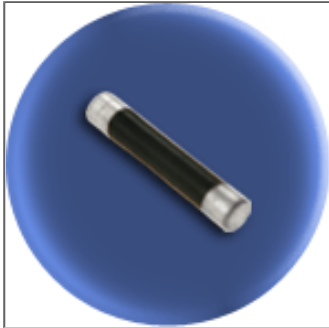
Part Dimensions



Component General, Inc.

P/N:C125R500P

Microwave Rods



Mechanical Specifications

Substrate Material:

Beryllium Oxide Ceramic.

(Note: Letter "P" denotes Beryllium Oxide.)

Terminals:

Terminal areas are nickel / tin plated which reduces oxidation thus providing a more solderable terminal.

Temperature Range :

-55°C to + 200°C.

Temperature Coefficient :

Standard Temperature Coefficient is
-200 to -300 PPM/°C.

Electrical Specifications

Resistance Value:

10 - 500 Ω As required. Other values
available upon request.

Standard Resistance

Tolerance:

Standard Tolerance is $\pm 2\%$ at 25 °C.
Other Tolerances are available upon
request.

Nominal Power:

20 W.

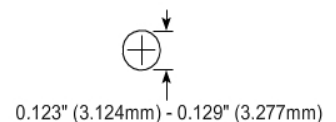
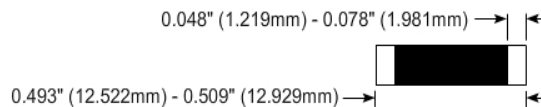
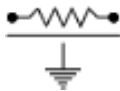
Frequency Range :

D.C. to 18 GHz dependent upon how the
resistors are mounted and the mounting
Hardware's configuration.

Load Life :

The maximum anticipated change in
resistance is 1 % when operated at listed
rating for 1,000 hours.

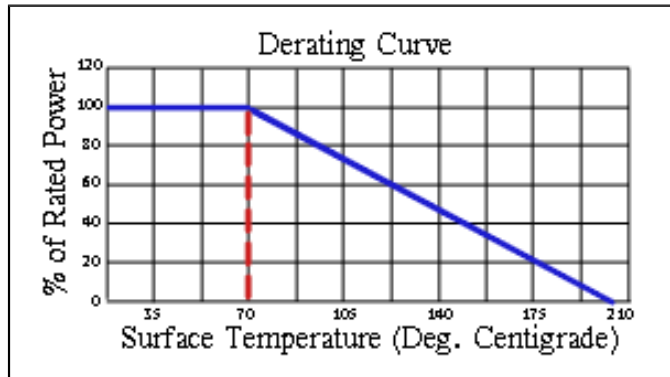
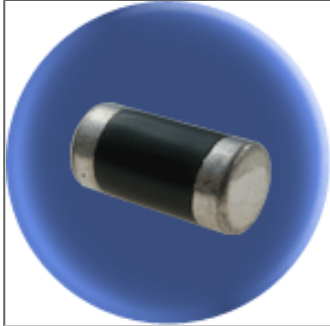
Part Dimensions



Component General, Inc.

P/N:C250R500P

Microwave Rods



Mechanical Specifications

Substrate Material:

Beryllium Oxide Ceramic.

(Note: Letter "P" denotes Beryllium Oxide.)

Terminals:

Terminal areas are nickel / tin plated which reduces oxidation thus providing a more solderable terminal.

Temperature Range :

-55°C to + 200°C.

Temperature Coefficient :

Standard Temperature Coefficient is
-200 to -300 PPM/°C.

Electrical Specifications

Resistance Value:

10 - 500 Ω As required. Other values available upon request.

Standard Resistance

Tolerance:

Standard Tolerance is $\pm 2\%$ at 25 °C.
Other Tolerances are available upon request.

Nominal Power:

25 W.

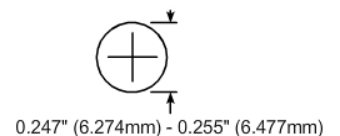
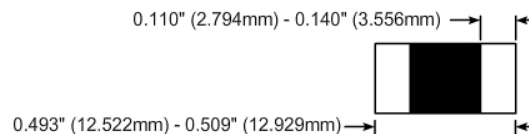
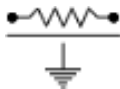
Frequency Range :

D.C. to 18 GHz dependent upon how the resistors are mounted and the mounting Hardware's configuration.

Load Life :

The maximum anticipated change in resistance is 1 % when operated at listed rating for 1,000 hours.

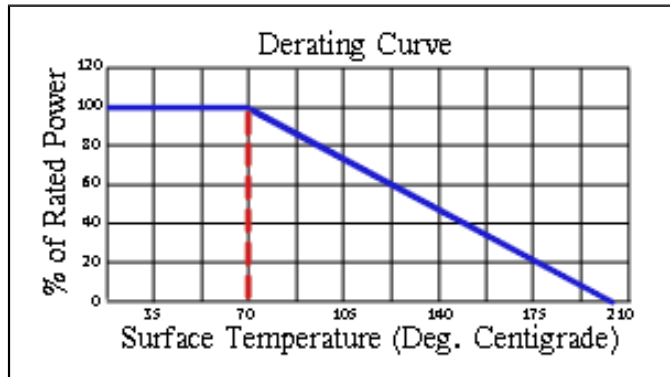
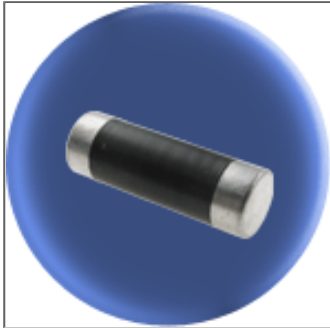
Part Dimensions



Component General, Inc.

P/N:C250R750P

Microwave Rods



Mechanical Specifications

Substrate Material:

Beryllium Oxide Ceramic.

(Note: Letter "P" denotes Beryllium Oxide.)

Terminals:

Terminal areas are nickel / tin plated which reduces oxidation thus providing a more solderable terminal.

Temperature Range :

-55°C to + 200°C.

Temperature Coefficient :

Standard Temperature Coefficient is
-200 to -300 PPM/°C.

Electrical Specifications

Resistance Value:

10 - 500 Ω As required. Other values available upon request.

Standard Resistance

Tolerance:

Standard Tolerance is $\pm 2\%$ at 25 °C.
Other Tolerances are available upon request.

Nominal Power:

30 W.

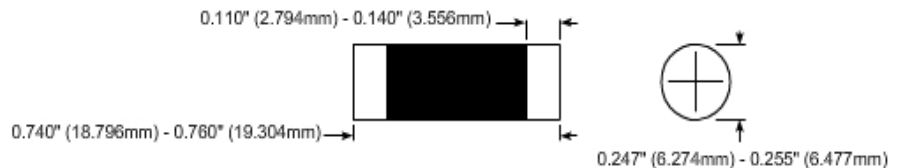
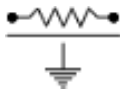
Frequency Range :

D.C. to 18 GHz dependent upon how the resistors are mounted and the mounting Hardware's configuration.

Load Life :

The maximum anticipated change in resistance is 1 % when operated at listed rating for 1,000 hours.

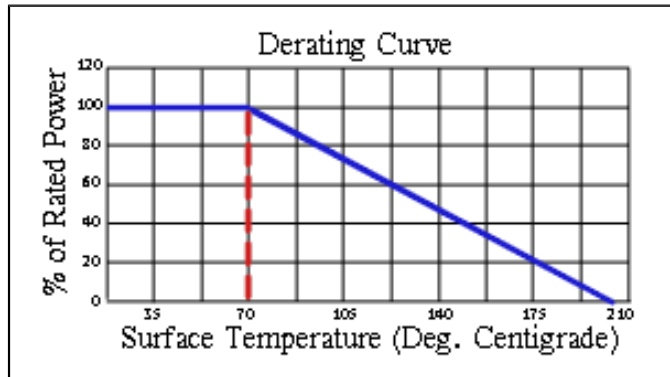
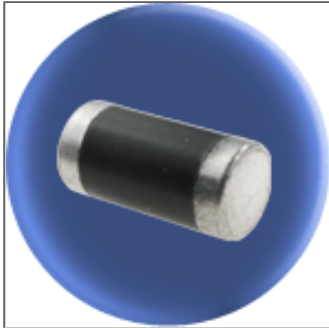
Part Dimensions



Component General, Inc.

P/N:C375R750P

Microwave Rods



Mechanical Specifications

Substrate Material:

Beryllium Oxide Ceramic.

(Note: Letter "P" denotes Beryllium Oxide.)

Terminals:

Terminal areas are nickel / tin plated which reduces oxidation thus providing a more solderable terminal.

Temperature Range :

-55°C to + 200°C.

Temperature Coefficient :

Standard Temperature Coefficient is -200 to -300 PPM/°C.

Electrical Specifications

Resistance Value:

10 - 500 Ω As required. Other values available upon request.

Standard Resistance

Tolerance:

Standard Tolerance is $\pm 2\%$ at 25 °C. Other Tolerances are available upon request.

Nominal Power:

60 W.

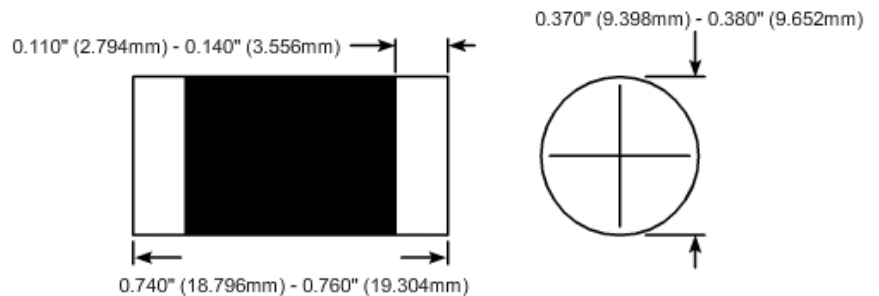
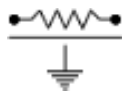
Frequency Range :

D.C. to 18 GHz dependent upon how the resistors are mounted and the mounting Hardware's configuration.

Load Life :

The maximum anticipated change in resistance is 1 % when operated at listed rating for 1,000 hours.

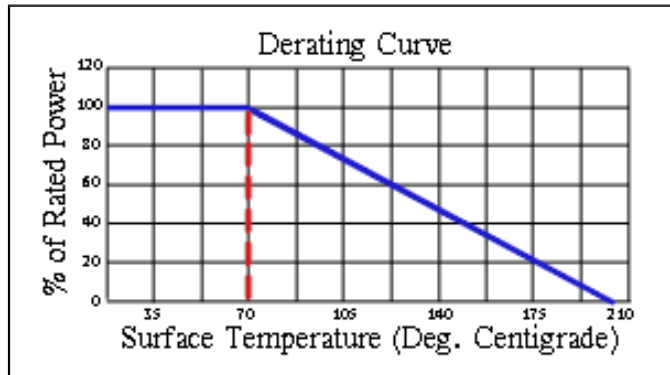
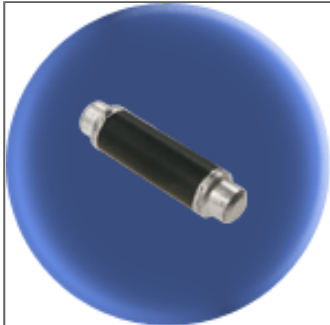
Part Dimensions



Component General, Inc.

P/N:C125R500S

Microwave Rods



Mechanical Specifications

Substrate Material:

Alumina Ceramic.

Terminals:

Terminal areas are nickel / tin plated which reduces oxidation thus providing a more solderable terminal.

Temperature Range :

-55°C to + 200°C.

Temperature Coefficient :

Standard Temperature Coefficient is -200 to -300 PPM/°C.

Electrical Specifications

Resistance Value:

10 - 500 Ω As required. Other values available upon request.

Standard Resistance

Tolerance:

Standard Tolerance is $\pm 2\%$ at 25 °C. Other Tolerances are available upon request.

Nominal Power:

1/2 W.

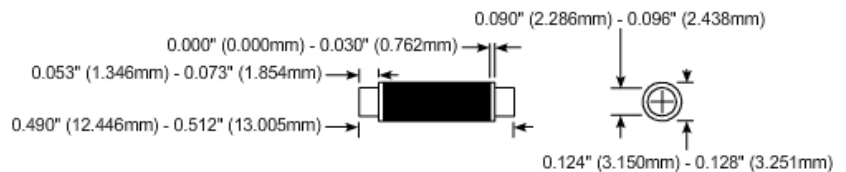
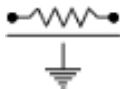
Frequency Range :

D.C. to 18 GHz dependent upon how the resistors are mounted and the mounting Hardware's configuration.

Load Life :

The maximum anticipated change in resistance is 1 % when operated at listed rating for 1,000 hours.

Part Dimensions



Component General, Inc.

■ Microwave Thick Film Disc Resistors

■ MECHANICAL SPECIFICATIONS



Substrate: Beryllium Oxide Ceramic
Std. Tolerance: Standard Resistance Tolerance $\pm 2\%$ at 25°C
Terminals: Proprietary silver terminal material on both sides connected with wrap-around terminals on I.D. and O.D. Resistor on one side only.
Temperature Range: -55°C to +200°C.

high power thick film disc resistors product selection chart						
P/N	Nominal Power	I.D.	O.D.	Width	Inside Terminal	Outside Terminal
C75D250P	5 W	0.066" - 0.074"	0.245" - 0.257"	0.020" - 0.027"	1/64	1/32
C135D375P	10 W	0.131" - 0.139"	0.372" - 0.380"	0.030" - 0.036"	1/32	1/32

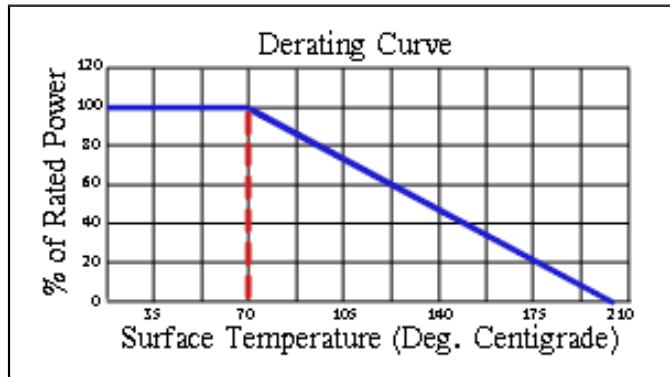
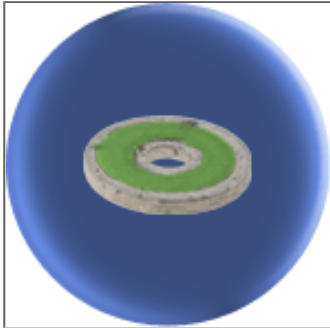
[Component General Inc.](#)

2445 Success Drive Odessa, FL 33556 Phone: 727-376-6655 or 800-246-4084

Component General, Inc.

P/N:C75D250P

Microwave Discs



Mechanical Specifications

Substrate Material:

Beryllium Oxide Ceramic.

(Note: Letter "P" denotes Beryllium Oxide.)

Terminals:

Terminal areas are Proprietary Silver which reduces oxidation thus providing a more solderable terminal.

Temperature Range :

-55°C to +200°C.

Temperature Coefficient :

Standard Temperature Coefficient is
-200 to -300 PPM/°C.

Electrical Specifications

Resistance Value:

10 - 500 Ω As required. Other values available upon request.

Standard Tolerance:

Standard Tolerance is $\pm 2\%$ at 25 °C.
Other Tolerances are available upon request.

Nominal Power:

5 W.

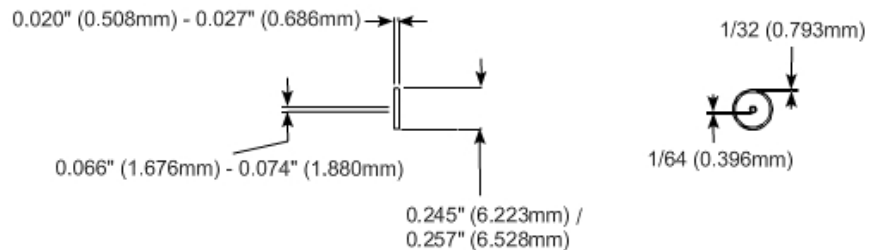
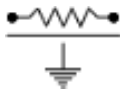
Frequency Range :

D.C. to 18 GHz dependent upon how the resistors are mounted and the mounting Hardware's configuration.

Load Life :

The maximum anticipated change in resistance is 1 % when operated at listed rating for 1,000 hours.

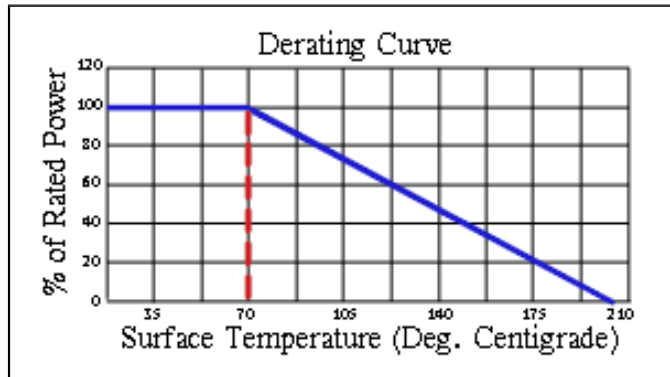
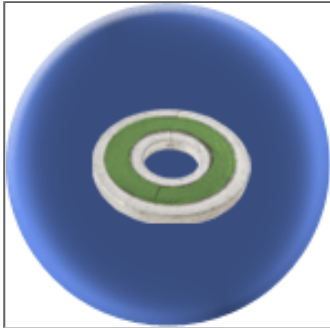
Part Dimensions



Component General, Inc.

P/N:C135D375P

Microwave Discs



Mechanical Specifications

Substrate Material:

Beryllium Oxide Ceramic.

(Note: Letter "P" denotes Beryllium Oxide.)

Terminals:

Terminal areas are Proprietary Silver which reduces oxidation thus providing a more solderable terminal.

Temperature Range :

-55°C to + 200°C.

Temperature Coefficient :

Standard Temperature Coefficient is -200 to -300 PPM/°C.

Electrical Specifications

Resistance Value:

10 - 500 Ω As required. Other values available upon request.

Standard Tolerance:

Standard Tolerance is $\pm 2\%$ at 25 °C. Other Tolerances are available upon request.

Nominal Power:

10 W.

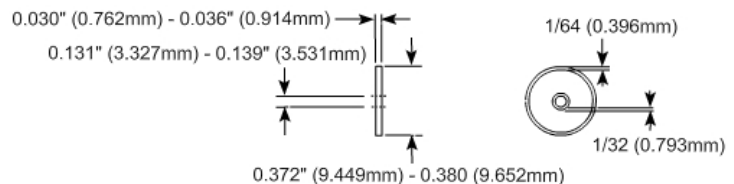
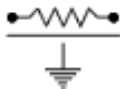
Frequency Range :

D.C. to 18 GHz dependent upon how the resistors are mounted and the mounting Hardware's configuration.

Load Life :

The maximum anticipated change in resistance is 1% when operated at listed rating for 1,000 hours.

Part Dimensions



Component General, Inc.

■ Microwave T-Pad Attenuators

■ MECHANICAL SPECIFICATIONS



Substrate: Beryllium Oxide Ceramic

Std. dB: Standard db values 3 -20 dB

Frequency Range: D.C. to 18 GHz dependent upon how the resistors are mounted and the mounting hardware's configuration.

Temperature Range: -55°C to +200°C.

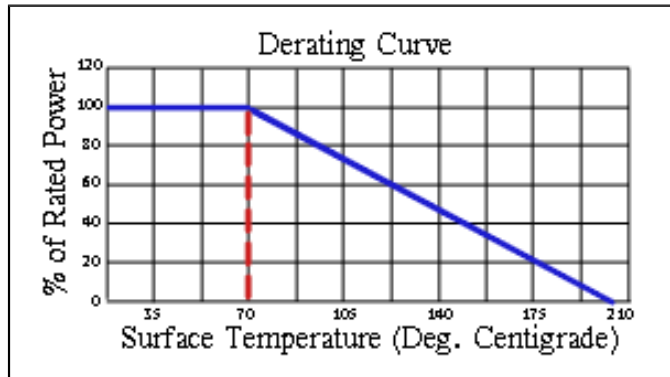
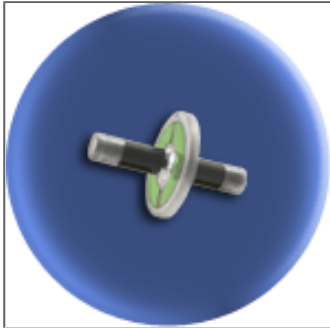
high power t-pad attenuators product selection chart

P/N	Nominal Power	Disc Diameter	Rod Length	Disc Thickness	Rod Diameter
C62T250P	10 W	0.245" - 0.257"	0.370" - 0.382"	0.020" - 0.027"	0.060" - 0.066"
C135T375P	20 W	0.372" - 0.380"	0.493" - 0.509"	0.030" - 0.036"	0.120" - 0.130"

Component General, Inc.

P/N:C62T250P

Microwave T-Pads



Mechanical Specifications

Substrate Material:

Beryllium Oxide Ceramic.

(Note: Letter "P" denotes Beryllium Oxide.)

Terminals:

Rods: Terminal areas are Nickel / Tin plated which reduces oxidation thus providing a more solderable terminal

Discs: Terminal areas are Platinum Silver which reduces oxidation thus providing a more solderable terminal.

Temperature Range :

-55°C to + 200°C.

Temperature Coefficient :

Standard Temperature Coefficient is
-200 to -300 PPM/°C.

Electrical Specifications

Attenuation Value:

3 - 20 dB.

Load Life :

The maximum anticipated change in resistance is 1 % when operated at listed rating for 1,000 hours.

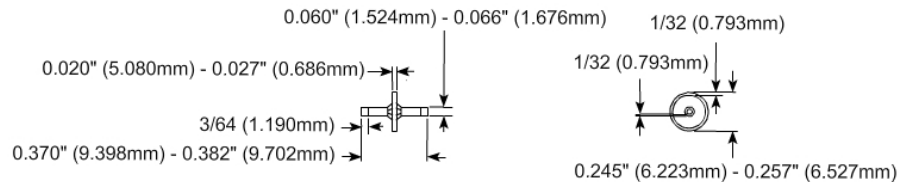
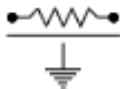
Frequency Range :

D.C. to 18 GHz dependent upon how the resistors are mounted and the mounting Hardware's configuration.

Nominal Power:

10 W.

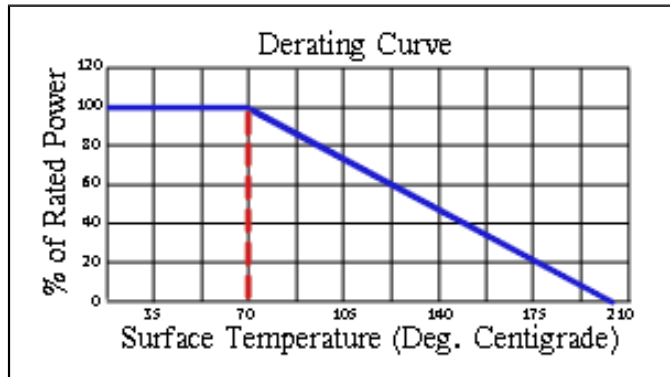
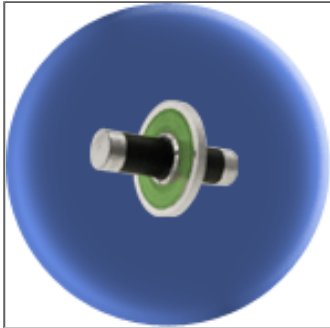
Part Dimensions



Component General, Inc.

P/N:C135T375P

Microwave T-Pads



Mechanical Specifications

Substrate Material:

Beryllium Oxide Ceramic.

(Note: Letter "P" denotes Beryllium Oxide.)

Terminals:

Rods: Terminal areas are Nickel / Tin plated which reduces oxidation thus providing a more solderable terminal

Discs: Terminal areas are Platinum Silver which reduces oxidation thus providing a more solderable terminal.

Temperature Range :

-55°C to + 200°C.

Temperature Coefficient :

Standard Temperature Coefficient is -200 to -300 PPM/°C.

Electrical Specifications

Attenuation Value:

3 - 30 dB

Load Life :

The maximum anticipated change in resistance is 1 % when operated at listed rating for 1,000 hours.

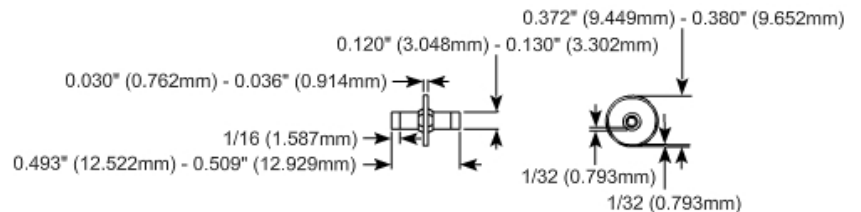
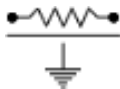
Frequency Range :

D.C. to 18 GHz dependent upon how the resistors are mounted and the mounting Hardware's configuration.

Nominal Power:

20 W.

Part Dimensions



Component General, Inc.

Coaxial SMA Female Terminations

MECHANICAL SPECIFICATIONS

Connector: Stainless Steel,
Passivated.

Insulator: PTFE, Virgin grade.

Impedance: 50 Ω .

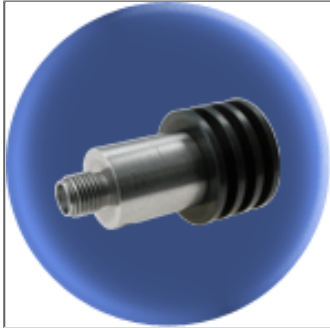
high power Coaxial SMA Female terminations product selection chart

P/N	Power Avg.	Power Peak	Length	Width
CFT-05 SF	5 W	2.0 KW.	1.460"	0.750"
CFT-10 SF	10 W	1.0 KW.	1.880"	0.645"
CFT-15 SF	15 W	2.0 KW.	1.900"	1.250"
CFT-35 SF	35 W	3.0 KW.	2.200"	1.650"
CHT-15-2 SF	15 W	N/A	0.855"	1.000"
CHT-30 SF	30 W	N/A	0.975"	1.500"
CHT-50 SF	50 W	N/A	1.335"	1.375"
CHT-100 SF	100 W	N/A	1.335"	1.375"
CHT-150 SF	150 W	N/A	2.000"	2.000"
CHT-150-1 SF	150 W	N/A	2.000"	2.000"
CHT-250 SF	250 W	N/A	2.000"	2.000"

Component General, Inc.

P/N:CFT-05 SF

Coaxial Terminations



Electrical Specifications

<u>Power Average:</u>	<u>Frequency Range:</u>	<u>VSWR (Max.):</u>
5 W.	DC - 6.0 GHz	1.15:1
	6.0 - 12.0 GHz	1.25:1
	12.0 - 18.0 GHz	1.35:1
<u>Power Peak:</u>	<u>Impedance:</u>	
2.0 KW.	50 Ω	

Mechanical Specifications

Nut:

Stainless Steel, Passivated

Contact:

Tellurium Copper, Gold plated.

Hosing:

Aluminum, Black Anodized.

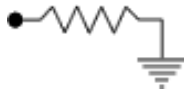
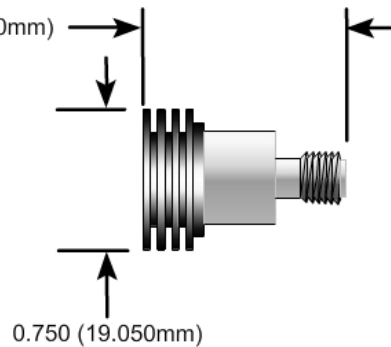
Insulator:

PTFE, Virgin grade.

Weight:

12.0 Grams.

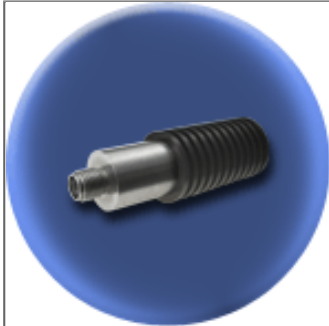
Part Dimensions



Component General, Inc.

P/N:CFT-10 SF

Coaxial Terminations



Electrical Specifications

<u>Power Average:</u> 10 W.	<u>Frequency Range:</u> DC - 4.0 GHz 4.0 - 12.0 GHz 12.0 - 18.0 GHz	<u>VSWR (Max.):</u> 1.10:1 1.20:1 1.35:1
<u>Power Peak:</u> 1.0 KW.	<u>Impedance:</u> 50 Ω	

Mechanical Specifications

Nut:

Stainless Steel.

Contact:

Beryllium Copper, Gold plated.

Housing:

Aluminum, Black Anodized.

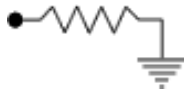
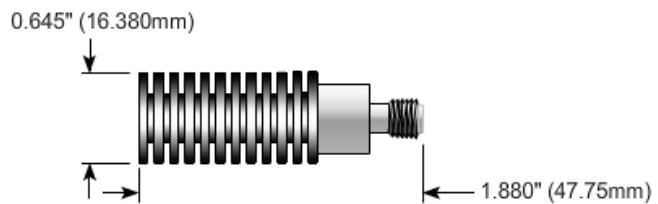
Insulator:

PTFE, Virgin grade.

Weight:

22.0 Grams.

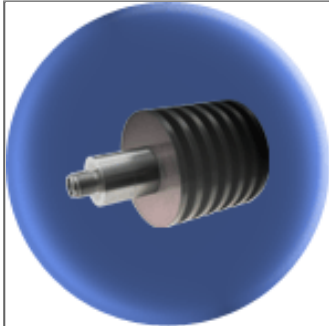
Part Dimensions



Component General, Inc.

P/N:CFT-15 SF

Coaxial Terminations



Electrical Specifications

Power Average:

15 W.

Frequency Range: VSWR (Max.):

DC - 4.0 GHz 1.10:1

4.0 - 12.0 GHz 1.20:1

12.0 - 18.0 GHz 1.35:1

Power Peak:

2.0 KW.

Impedance:

50 Ω

Mechanical Specifications

Nut:

Stainless Steel.

Contact:

Beryllium Copper, Gold plated.

Housing:

Aluminum, Black Anodized.

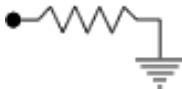
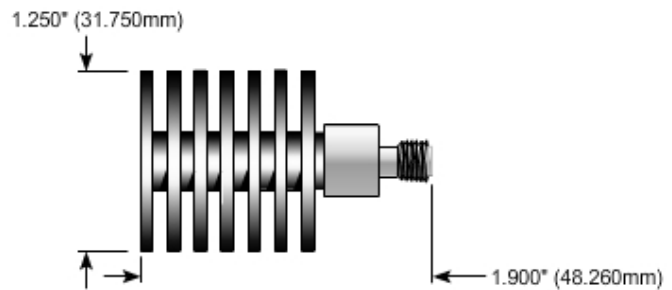
Insulator:

PTFE, Virgin grade.

Weight:

55.0 Grams.

Part Dimensions



Component General, Inc.

P/N:CFT-35 SF

Coaxial Terminations

picture coming soon

Electrical Specifications

Power Average:

35 W.

Frequency Range:

DC - 2.0 GHz

2.0 - 4.0 GHz

VSWR (Max.):

1.15:1

1.25:1

Power Peak:

3.0 KW.

Impedance:

50 Ω

Mechanical Specifications

Nut:

Stainless Steel.

Contact:

Beryllium Copper, Gold plated.

Housing:

Aluminum, Black Anodized.

Insulator:

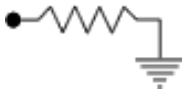
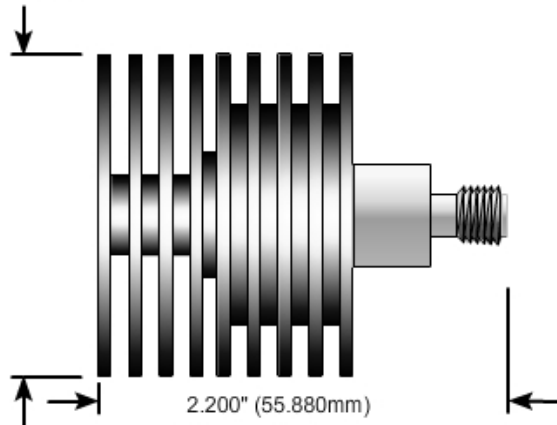
PTFE, Virgin grade.

Weight:

60.0 Grams.

Part Dimensions

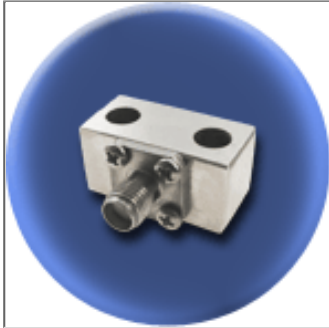
1.650" (41.910mm)



Component General, Inc.

P/N: CHT-15-2 SF

Coaxial Terminations



Electrical Specifications

	Frequency Range:	VSWR (Max.):
Power:	DC - 4.0 GHz	1.15:1
15 W.	4.0 - 8.0 GHz	1.20:1
	8.0 - 12.4 GHz	1.30:1
Impedance:		
50 Ω		

Mechanical Specifications

Connector:

Stainless Steel, Passivated.

Contact:

Beryllium Copper, Silver plated.

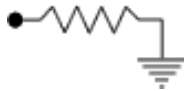
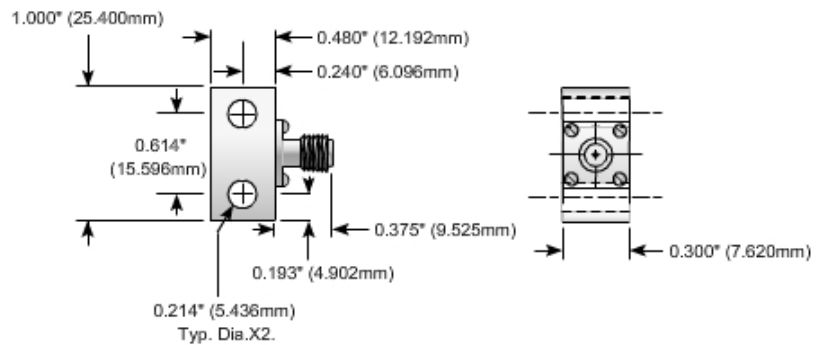
Housing:

Copper, Nickel plated.

Insulator:

PTFE, Virgin grade.

Part Dimensions



The CHT Series high power coaxial terminations are conduction cooled loads. They are designed to be mounted on a heat sink ground plane or a chill plate. The power ratings require that the base plate of the CHT-15-2 does not exceed 100°C or 85°C for all other sizes.

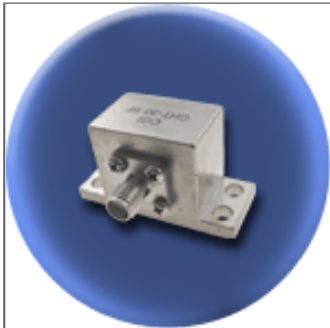


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Component General, Inc.

P/N: CHT-30 SF

Coaxial Terminations



Electrical Specifications

	Frequency Range:	VSWR (Max.):
Power:	DC - 4.0 GHz	1.25:1
30 W.	4.0 - 8.0 GHz	1.35:1
	8.0 - 12.4 GHz	1.40:1
Impedance:		
50 Ω		

Mechanical Specifications

Connector:

Stainless Steel, Passivated.

Contact:

Beryllium Copper, Silver plated.

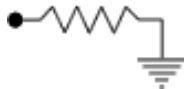
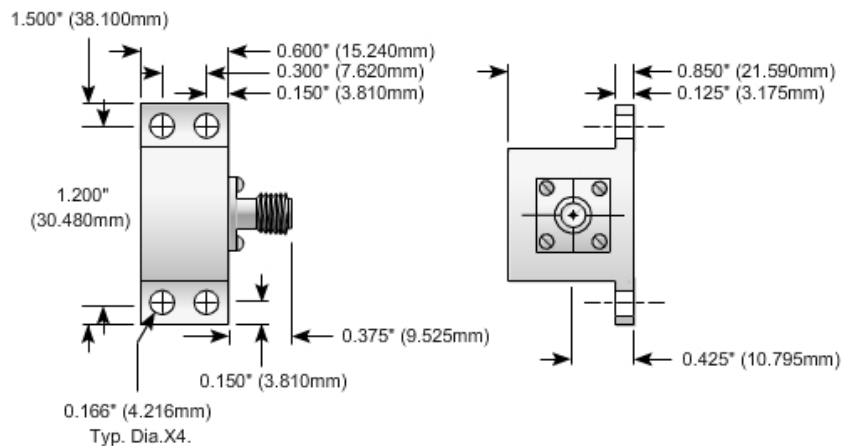
Housing:

Copper, Nickel plated.

Insulator:

PTFE, Virgin grade.

Part Dimensions



The CHT Series high power coaxial terminations are conduction cooled loads. They are designed to be mounted on a heat sink ground plane or a chill plate. The power ratings require that the base plate of the CHT-15-2 does not exceed 100°C or 85°C for all other sizes.

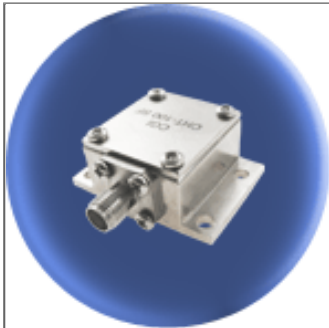


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Component General, Inc.

P/N: CHT- 50 SF

Coaxial Terminations



Electrical Specifications

Power:

50 W.

Frequency Range:

DC - 3.0 GHz

3.0 - 6.0 GHz

VSWR (Max.):

1.25:1

1.35:1

Impedance:

50 Ω

Mechanical Specifications

Connector:

Stainless Steel, Passivated.

Contact:

Beryllium Copper, Silver plated.

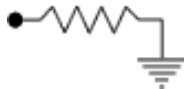
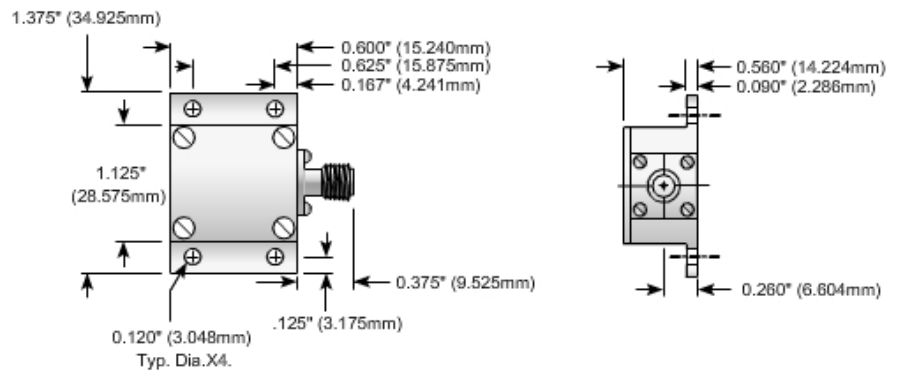
Housing:

Copper, Nickel plated.

Insulator:

PTFE, Virgin grade.

Part Dimensions



The CHT Series high power coaxial terminations are conduction cooled loads. They are designed to be mounted on a heat sink ground plane or a chill plate. The power ratings require that the base plate of the CHT-15-2 does not exceed 100°C or 85°C for all other sizes.

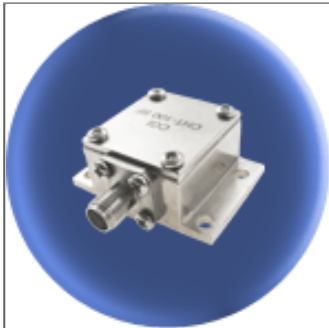


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Component General, Inc.

P/N: CHT- 100 SF

Coaxial Terminations



Electrical Specifications

Power:

100 W.

Frequency Range:

DC - 3.0 GHz

VSWR (Max.):

1.25:1

Impedance:

50 Ω

Mechanical Specifications

Connector:

Stainless Steel, Passivated.

Contact:

Beryllium Copper, Silver plated.

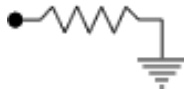
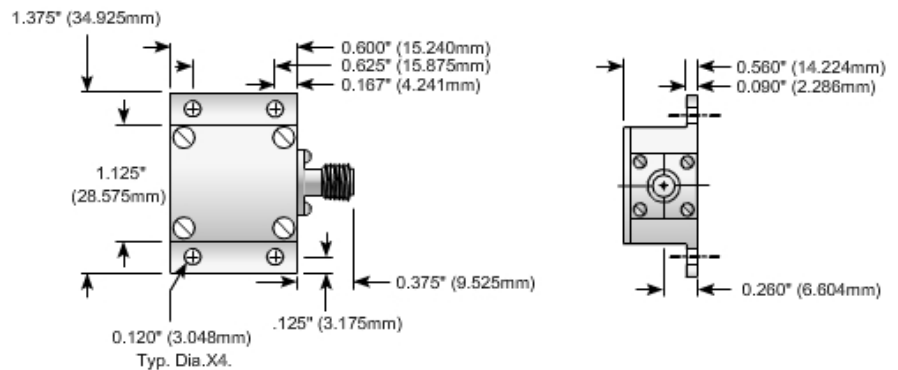
Housing:

Copper, Nickel plated.

Insulator:

PTFE, Virgin grade.

Part Dimensions



The CHT Series high power coaxial terminations are conduction cooled loads. They are designed to be mounted on a heat sink ground plane or a chill plate. The power ratings require that the base plate of the CHT-15-2 does not exceed 100°C or 85°C for all other sizes.

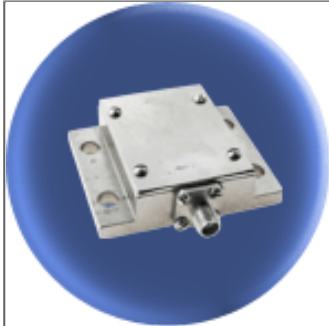


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Component General, Inc.

P/N: CHT- 150 SF

Coaxial Terminations



Electrical Specifications

Power:

150 W.

Frequency Range:

DC - 1.0 GHz

1.0 - 2.0 GHz

VSWR (Max.):

1.15:1

1.40:1

Impedance:

50 Ω

Mechanical Specifications

Connector:

Stainless Steel, Passivated.

Contact:

Beryllium Copper, Silver plated.

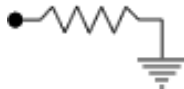
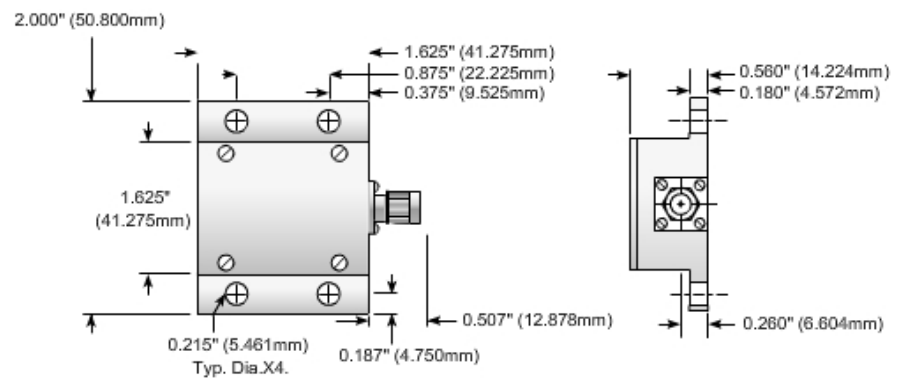
Housing:

Copper, Nickel plated.

Insulator:

PTFE, Virgin grade.

Part Dimensions



The CHT Series high power coaxial terminations are conduction cooled loads. They are designed to be mounted on a heat sink ground plane or a chill plate. The power ratings require that the base plate of the CHT-15-2 does not exceed 100°C or 85°C for all other sizes.

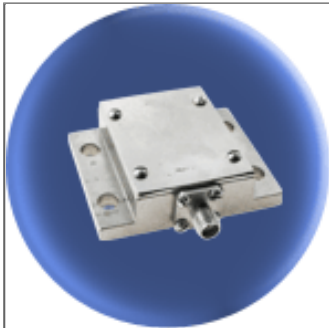


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Component General, Inc.

P/N: CHT- 150-1 SF

Coaxial Terminations



Electrical Specifications

Power:

150 W.

Frequency Range:

DC - 1.0 GHz

1.0 - 2.0 GHz

VSWR (Max.):

1.15:1

1.40:1

Impedance:

50 Ω

Mechanical Specifications

Connector:

Stainless Steel, Passivated.

Contact:

Beryllium Copper, Silver plated.

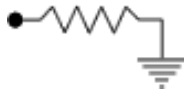
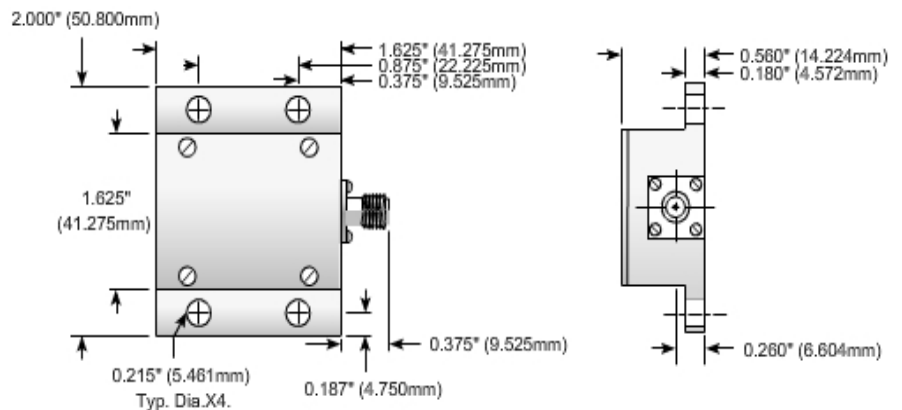
Housing:

Copper, Nickel plated.

Insulator:

PTFE, Virgin grade.

Part Dimensions



The CHT Series high power coaxial terminations are conduction cooled loads. They are designed to be mounted on a heat sink ground plane or a chill plate. The power ratings require that the base plate of the CHT-15-2 does not exceed 100°C or 85°C for all other sizes.

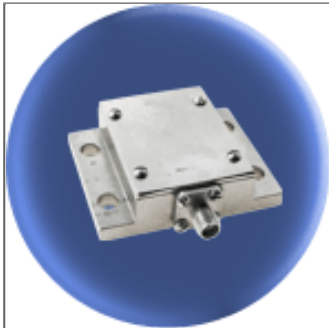


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Component General, Inc.

P/N: CHT- 250 SF

Coaxial Terminations



Electrical Specifications

	Frequency Range:	VSWR (Max.):
Power:	DC - 200 MHz	1.15:1
250 W.	200 - 400 MHz	1.25:1
	400 - 800 MHz	1.30:1
Impedance:		
50 Ω		

Mechanical Specifications

Connector:

Stainless Steel, Passivated.

Contact:

Beryllium Copper, Silver plated.

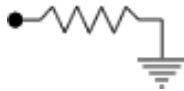
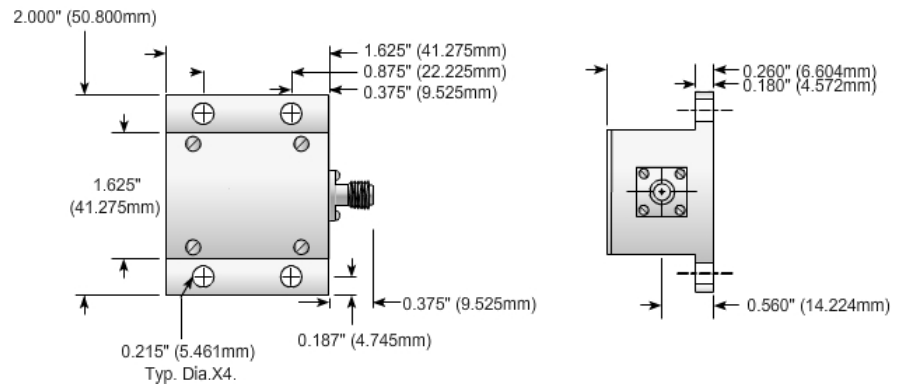
Housing:

Copper, Nickel plated.

Insulator:

PTFE, Virgin grade.

Part Dimensions



The CHT Series high power coaxial terminations are conduction cooled loads. They are designed to be mounted on a heat sink ground plane or a chill plate. The power ratings require that the base plate of the CHT-15-2 does not exceed 100°C or 85°C for all other sizes.



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Component General, Inc.

Coaxial SMA Male Terminations

MECHANICAL SPECIFICATIONS



Connector: Stainless Steel,
Passivated.

Insulator: PTFE, Virgin grade.

Impedance: 50 Ω .

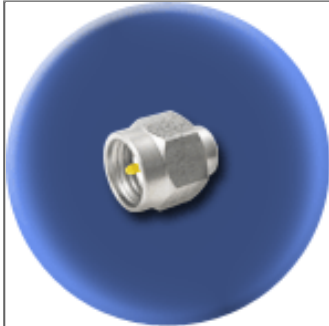
high power Coaxial SMA Male terminations product selection chart

P/N	Power Avg.	Peak Power	Length	Width
CSM-1	1 W	1.0 KW.	0.400" Max.	5/16 Hex.
CSM-4	1 W	1.0 KW.	0.400" Max.	5/16 Hex.
CSM-02 SM	2 W	1.5 KW.	0.550"	5/16 Hex.
CFT-05 SM	5 W	2.0 KW.	1.600"	0.750"
CFT-10 SM	10 W	1.0 KW.	1.970"	0.645"
CFT-15 SM	15 W	2.0 KW.	2.000"	1.250"
CFT-35 SM	35 W	3.0 KW.	2.200"	1.650"
CHT-15-2 SM	15 W	N/A	0.987"	1.000"
CHT-30 SM	30 W	N/A	1.107"	1.500"
CHT-50 SM	50 W	N/A	1.467"	1.375"
CHT-100 SM	100 W	N/A	1.467"	1.375"
CHT-150 SM	150 W	N/A	2.132"	2.000"
CHT-150-1 SM	150 W	N/A	2.132"	2.000"
CHT-250 SM	250 W	N/A	2.132"	2.000"

Component General, Inc.

P/N:CSM-1

Coaxial Terminations



Electrical Specifications

Power Average:

1.0 W.

Frequency Range:

DC - 18.0 GHz

VSWR (Max.):

1.15:1

Power Peak:

1.0 KW.

Impedance:

50 Ω

Torque:

9 IN.-LB. (Mandatory)

Mechanical Specifications

Nut:

Stainless Steel, Passivated.

Contact:

Tellurium Copper, Gold plated.

Housing:

Tellurium Copper, Nickel plated.
(Also available with gold plating.)

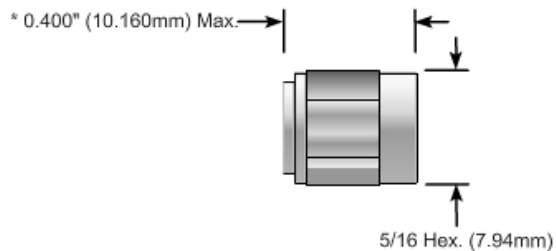
Insulator:

PTFE, Virgin grade.

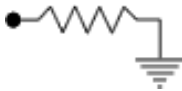
Weight:

2.2 Grams.

Part Dimensions



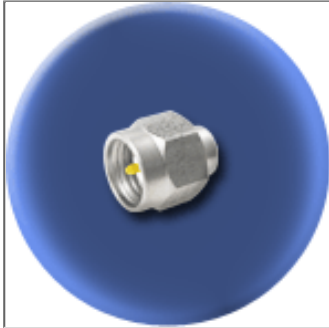
* Max. length with chain 0.650". | Add -C to P/N for 3" (approx.) chain.



Component General, Inc.

P/N:CSM-4

Coaxial Terminations



Electrical Specifications

Power Average:

1 W.

Frequency Range:

DC - 2.0 GHz

VSWR (Max.):

1.20:1

Power Peak:

1.0 KW.

Impedance:

50 Ω

Torque:

9 IN.-LB. (Mandatory)

Mechanical Specifications

Nut:

Stainless Steel, Passivated.

Contact:

Tellurium Copper, Gold plated.

Housing:

Tellurium Copper, Nickel plated.
(Also available with gold plating.)

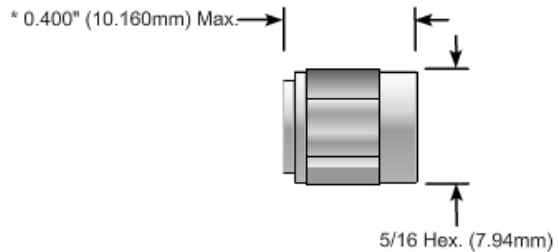
Insulator:

PTFE, Virgin grade.

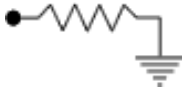
Weight:

2.2 Grams.

Part Dimensions



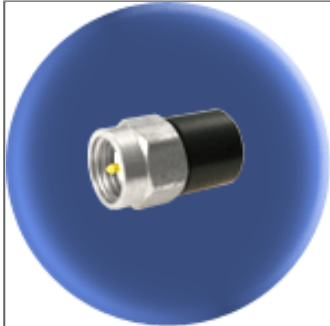
* Max. length with chain 0.650". | Add -C to P/N for 3" (approx.) chain.



Component General, Inc.

P/N:CSM-02 SM

Coaxial Terminations



Electrical Specifications

Power Average:

2 W.

Frequency Range:

DC - 18.0 GHz

VSWR (Max.):

1.15:1

Power Peak:

1.5 KW.

Impedance:

50 Ω

Torque:

9 IN.-LB. (Mandatory)

Mechanical Specifications

Nut:

Stainless Steel, Passivated.

Contact:

Tellurium Copper, Gold plated.

Housing:

Aluminum, Black Anodized.

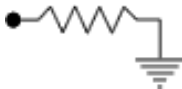
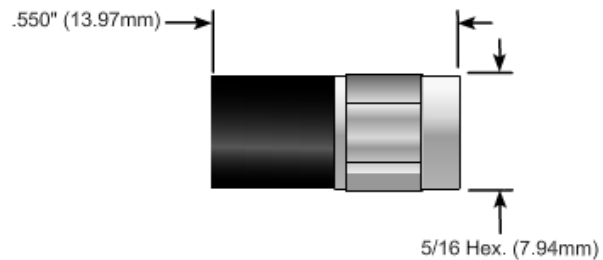
Insulator:

PTFE, Virgin grade.

Weight:

3.0 Grams.

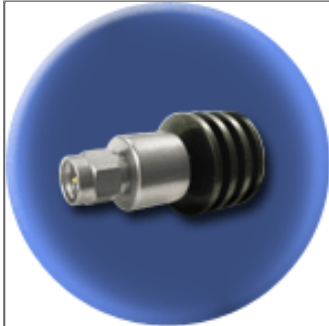
Part Dimensions



Component General, Inc.

P/N:CFT-05 SM

Coaxial Terminations



Electrical Specifications

Power Average: 5 W.	Frequency Range: DC - 6.0 GHz 6.0 - 12.0 GHz 12.0 - 18.0 GHz	VSWR (Max.): 1.15:1 1.25:1 1.35:1
Power Peak: 2.0 KW.	Impedance: 50 Ω	

Mechanical Specifications

Connector:

Stainless Steel, Passivated

Contact:

Tellurium Copper, Gold plated.

Housing :

Aluminum, Black Anodized.

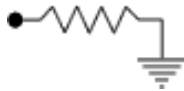
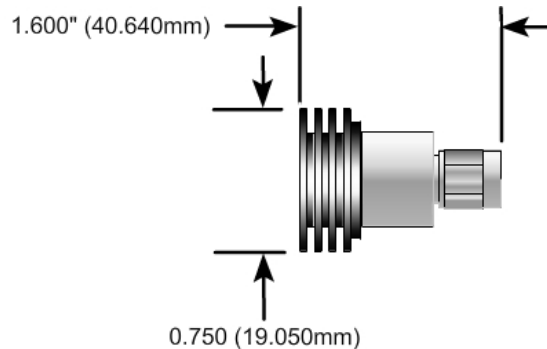
Insulator:

PTFE, Virgin grade.

Weight:

12.0 Grams.

Part Dimensions



the CHT Series high power coaxial terminations are conduction cooled loads. They are designed to be mounted on a heat sink ground plane or a chill plate. The power ratings require that the base plate of the cht-15-2 does not exceed 100°C or 85°C for all other sizes.

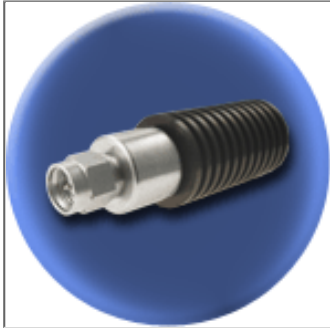


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Component General, Inc.

P/N:CFT-10 SM

Coaxial Terminations



Electrical Specifications

<u>Power Average:</u> 10 W.	<u>Frequency Range:</u> DC - 4.0 GHz 4.0 - 12.0 GHz 12.0 - 18.0 GHz	<u>VSWR (Max.):</u> 1.10:1 1.20:1 1.35:1
<u>Power Peak:</u> 1.0 KW.	<u>Impedance:</u> 50 Ω	

Mechanical Specifications

Nut:

Stainless Steel.

Contact:

Beryllium Copper, Gold plated.

Housing:

Aluminum, Black Anodized.

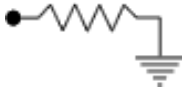
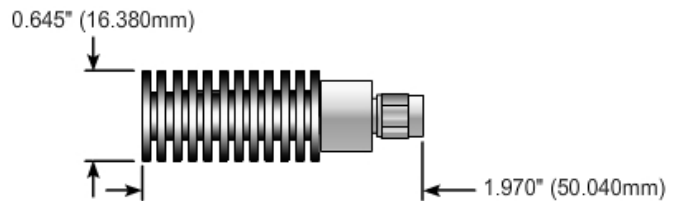
Insulator:

PTFE, Virgin grade.

Weight:

22.0 Grams.

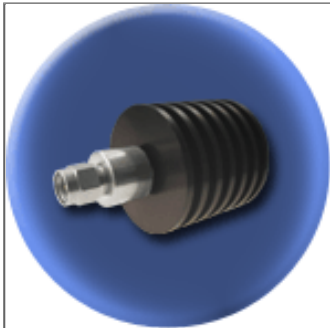
Part Dimensions



Component General, Inc.

P/N:CFT-15 SM

Coaxial Terminations



Electrical Specifications

Power Average: 15 W.	Frequency Range: DC - 4.0 GHz 4.0 - 12.0 GHz 12.0 - 18.0 GHz	VSWR (Max.): 1.10:1 1.20:1 1.35:1
Power Peak: 2.0 KW.	Impedance: 50 Ω	

Mechanical Specifications

Nut:

Stainless Steel.

Contact:

Beryllium Copper, Gold plated.

Housing:

Aluminum, Black Anodized.

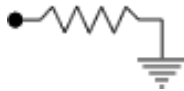
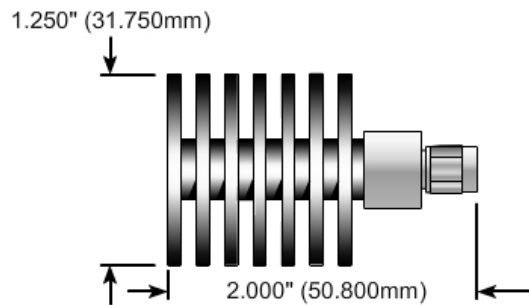
Insulator:

PTFE, Virgin grade.

Weight:

55.0 Grams.

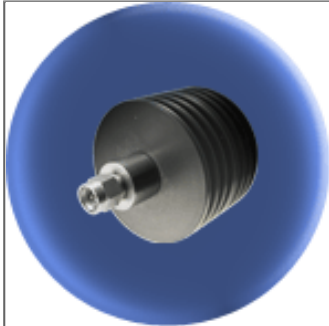
Part Dimensions



Component General, Inc.

P/N:CFT-35 SM

Coaxial Terminations



Electrical Specifications

Power Average:

35 W.

Frequency Range:

DC - 2.0 GHz

2.0 - 4.0 GHz

VSWR (Max.):

1.15:1

1.25:1

Power Peak:

3.0 KW.

Impedance:

50 Ω

Mechanical Specifications

Nut:

Stainless Steel.

Contact:

Beryllium Copper, Gold plated.

Housing:

Aluminum, Black Anodized.

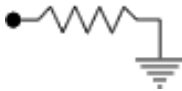
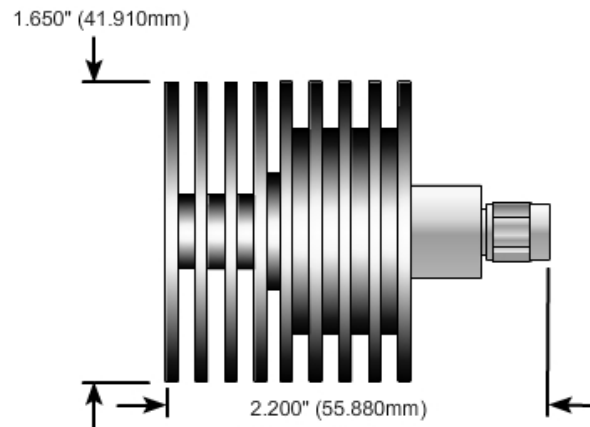
Insulator:

PTFE, Virgin grade.

Weight:

60.0 Grams.

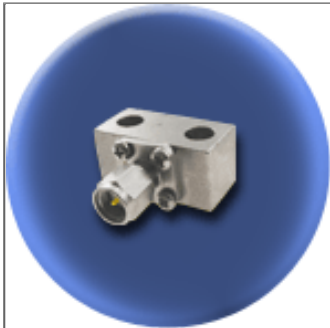
Part Dimensions



Component General, Inc.

P/N: CHT-15-2 SM

Coaxial Terminations



Electrical Specifications

	Frequency Range:	VSWR (Max.):
Power: 15 W.	DC - 4.0 GHz	1.15:1
	4.0 - 8.0 GHz	1.20:1
	8.0 - 12.4 GHz	1.30:1
Impedance: 50 Ω		

Mechanical Specifications

Connector:

Stainless Steel, Passivated.

Contact:

Beryllium Copper, Silver plated.

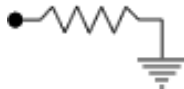
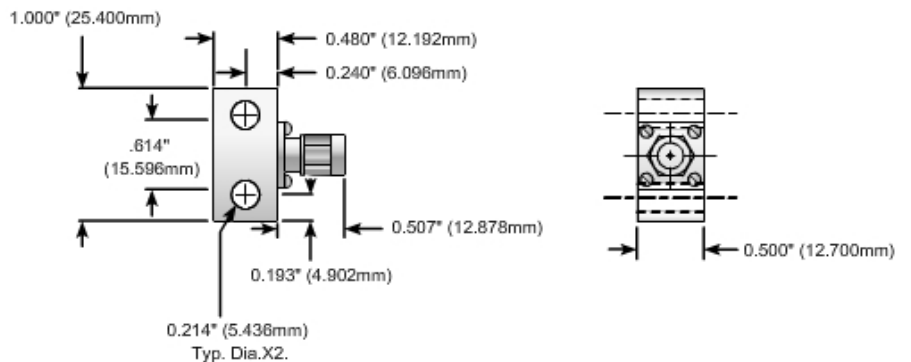
Housing:

Copper, Nickel plated.

Insulator:

PTFE, Virgin grade.

Part Dimensions



The CHT Series high power coaxial terminations are conduction cooled loads. They are designed to be mounted on a heat sink ground plane or a chill plate. The power ratings require that the base plate of the CHT-15-2 does not exceed 100°C or 85°C for all other sizes.

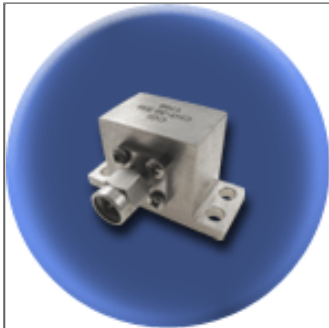


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Component General, Inc.

P/N: CHT-30 SM

Coaxial Terminations



Electrical Specifications

Power:

30 W.

Frequency Range: **VSWR (Max.):**

DC - 4.0 GHz	1.25:1
4.0 - 8.0 GHz	1.35:1
8.0 - 18.0 GHz	1.40:1

Impedance:

50 Ω

Mechanical Specifications

Connector:

Stainless Steel, Passivated.

Contact:

Beryllium Copper, Silver plated.

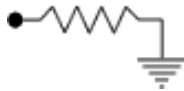
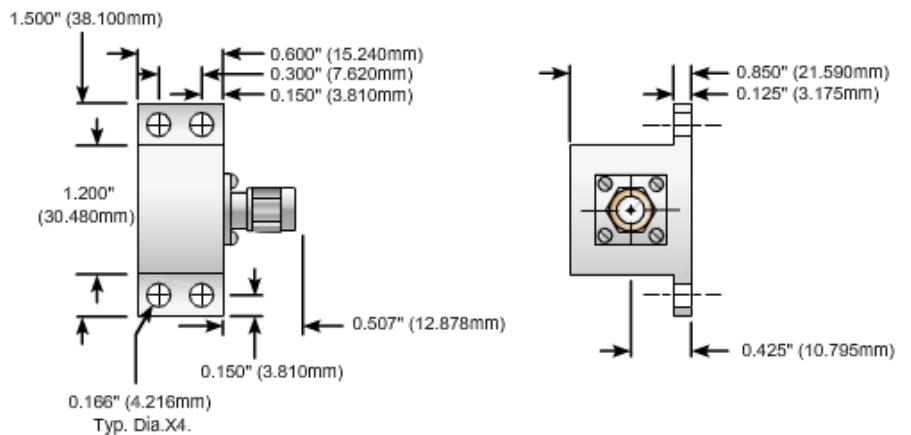
Housing:

Copper, Nickel plated.

Insulator:

PTFE, Virgin grade.

Part Dimensions



The CHT Series high power coaxial terminations are conduction cooled loads. They are designed to be mounted on a heat sink ground plane or a chill plate. The power ratings require that the base plate of the CHT-15-2 does not exceed 100°C or 85°C for all other sizes.

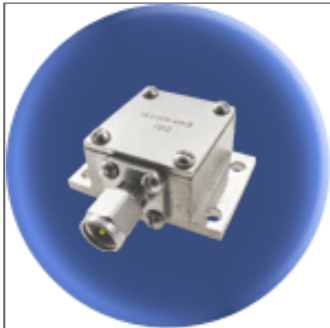


2445 Success Drive Odessa, FL 33556
727-376-6655 or 800-246-4084

Component General, Inc.

P/N: CHT- 50 SM

Coaxial Terminations



Electrical Specifications

Power:

50 W.

Frequency Range:

DC - 3.0 GHz

3.0 - 6.0 GHz

VSWR (Max.):

1.25:1

1.35:1

Impedance:

50 Ω

Mechanical Specifications

Connector:

Stainless Steel, Passivated.

Contact:

Beryllium Copper, Silver plated.

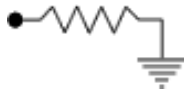
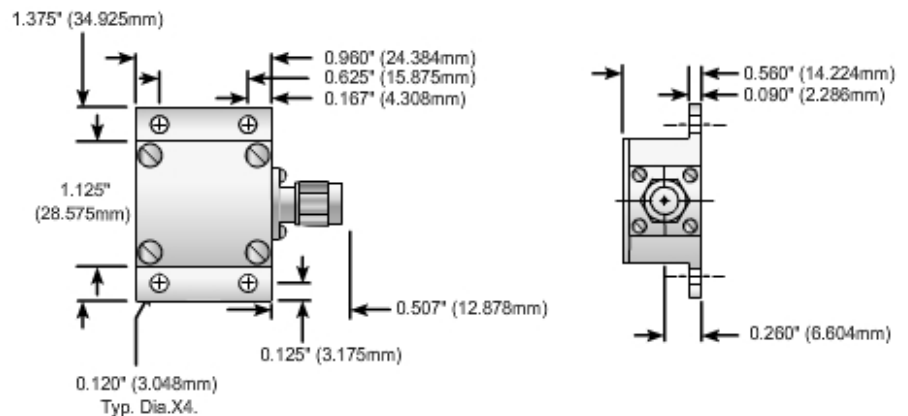
Housing:

Copper, Nickel plated.

Insulator:

PTFE, Virgin grade.

Part Dimensions



The CHT Series high power coaxial terminations are conduction cooled loads. They are designed to be mounted on a heat sink ground plane or a chill plate. The power ratings require that the base plate of the CHT-15-2 does not exceed 100°C or 85°C for all other sizes.

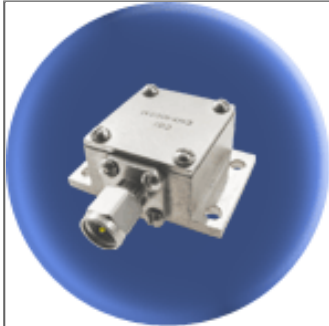


2445 Success Drive Odessa, FL 33556
727-376-6655 or 800-246-4084

Component General, Inc.

P/N: CHT- 100 SM

Coaxial Terminations



Electrical Specifications

Power:

100 W.

Frequency Range:

DC - 3.0 GHz

VSWR (Max.):

1.25:1

Impedance:

50 Ω

Mechanical Specifications

Connector:

Stainless Steel, Passivated.

Contact:

Beryllium Copper, Silver plated.

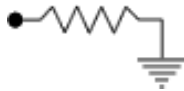
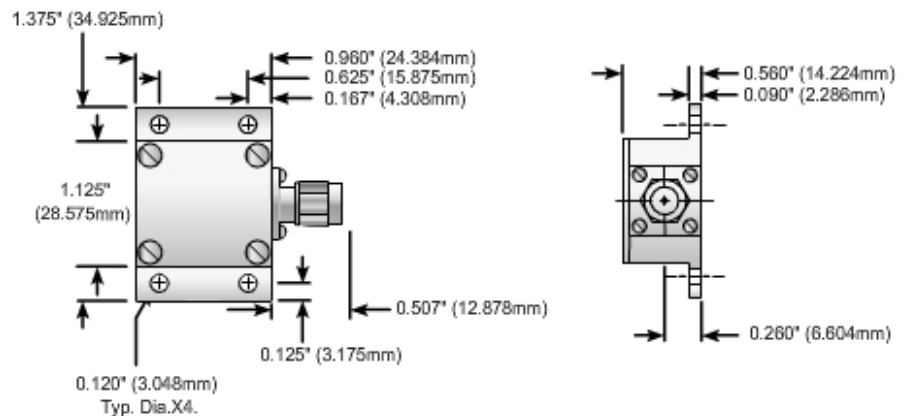
Housing:

Copper, Nickel plated.

Insulator:

PTFE, Virgin grade.

Part Dimensions



The CHT Series high power coaxial terminations are conduction cooled loads. They are designed to be mounted on a heat sink ground plane or a chill plate. The power ratings require that the base plate of the CHT-15-2 does not exceed 100°C or 85°C for all other sizes.

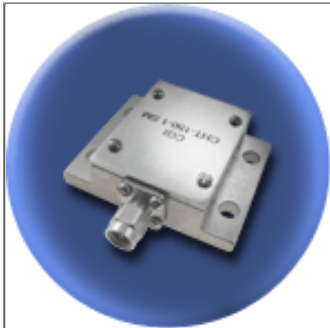


2445 Success Drive Odessa, FL 33556
727-376-6655 or 800-246-4084

Component General, Inc.

P/N: CHT- 150 SM

Coaxial Terminations



Electrical Specifications

Power:

150 W.

Frequency Range:

DC - 1.0 GHz
1.0 - 2.0 GHz

VSWR (Max.):

1.15:1
1.40:1

Impedance:

50 Ω

Mechanical Specifications

Connector:

Stainless Steel, Passivated.

Contact:

Beryllium Copper, Silver plated.

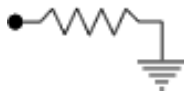
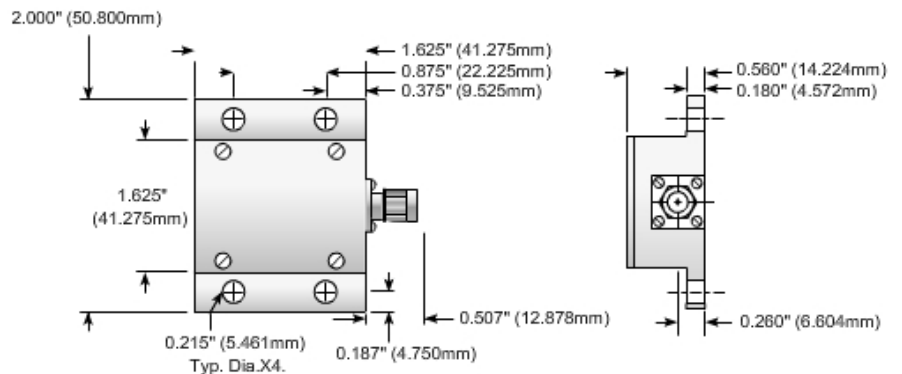
Housing:

Copper, Nickel plated.

Insulator:

PTFE, Virgin grade.

Part Dimensions



The CHT Series high power coaxial terminations are conduction cooled loads. They are designed to be mounted on a heat sink ground plane or a chill plate. The power ratings require that the base plate of the CHT-15-2 does not exceed 100°C or 85°C for all other sizes.

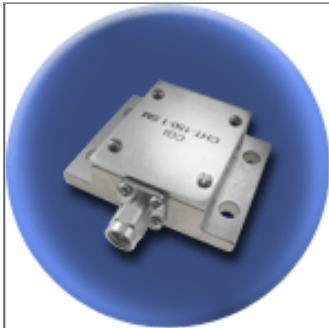


2445 Success Drive Odessa, FL 33556
727-376-6655 or 800-246-4084

Component General, Inc.

P/N: CHT- 150-1 SM

Coaxial Terminations



Electrical Specifications

Power:

150 W.

Frequency Range:

DC - 1.0 GHz
1.0 - 2.0 GHz

VSWR (Max.):

1.15:1
1.40:1

Impedance:

50 Ω

Mechanical Specifications

Connector:

Stainless Steel, Passivated.

Contact:

Beryllium Copper, Silver plated.

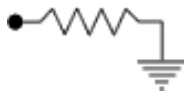
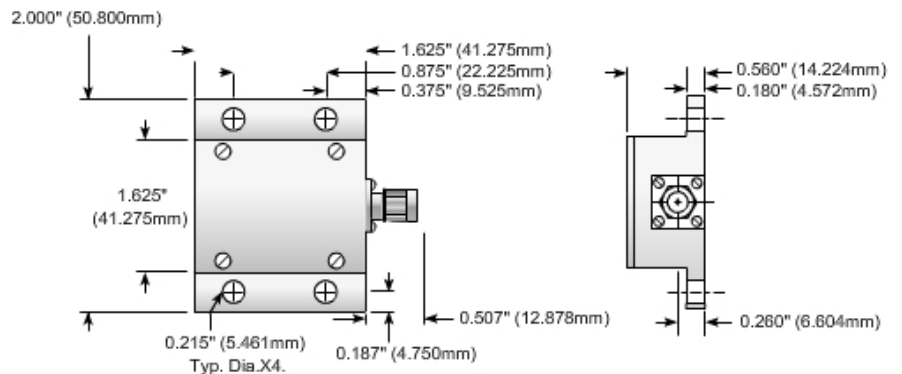
Housing:

Copper, Nickel plated.

Insulator:

PTFE, Virgin grade.

Part Dimensions



The CHT Series high power coaxial terminations are conduction cooled loads. They are designed to be mounted on a heat sink ground plane or a chill plate. The power ratings require that the base plate of the CHT-15-2 does not exceed 100°C or 85°C for all other sizes.

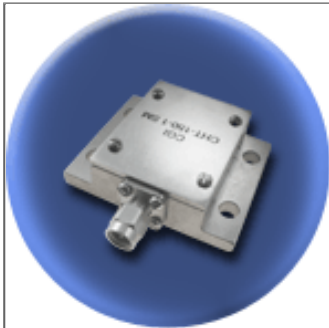


2445 Success Drive Odessa, FL 33556
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Component General, Inc.

P/N: CHT- 250 SM

Coaxial Terminations



Electrical Specifications

	Frequency Range:	VSWR (Max.):
Power: 250 W.	DC - 200 MHz	1.15:1
	200 - 400 MHz	1.25:1
	400 - 800 MHz	1.30:1
Impedance: 50 Ω		

Mechanical Specifications

Connector:

Stainless Steel, Passivated.

Contact:

Beryllium Copper, Silver plated.

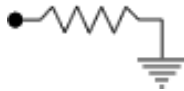
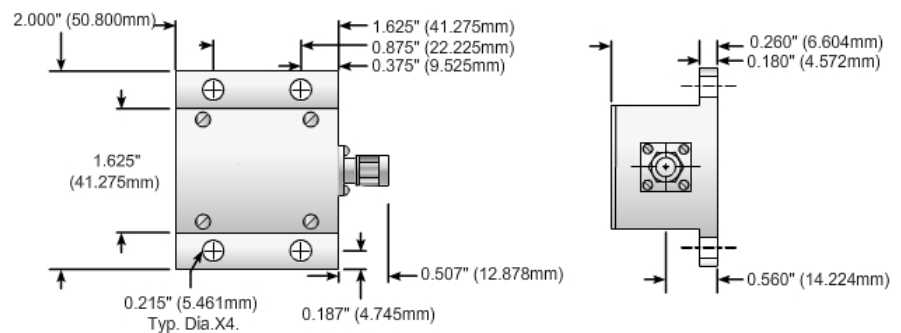
Housing:

Copper, Nickel plated.

Insulator:

PTFE, Virgin grade.

Part Dimensions



The CHT Series high power coaxial terminations are conduction cooled loads. They are designed to be mounted on a heat sink ground plane or a chill plate. The power ratings require that the base plate of the CHT-15-2 does not exceed 100°C or 85°C for all other sizes.



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Coaxial N Female Terminations

MECHANICAL SPECIFICATIONS



Connector: Brass, Nickel Plated.

Insulator: PTFE, Virgin grade.

Impedance: 50 Ω .

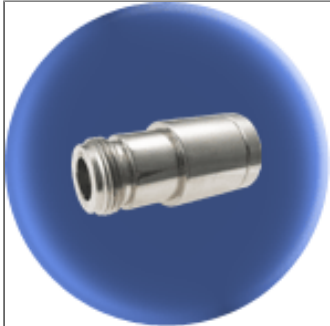
high power Coaxial N Female terminations product selection chart

P/N	Power Avg.	Power Peak	Length	Width
CFT-2 NF	2 W	1.5 KW.	1.600"	0.800"
CFT-5 NF	5 W	2 KW.	1.700"	0.800"
CFT-15 NF	15 W	2 KW.	2.550"	1.250"
CFT-100 NF	100 W	N/A	6.250"	6.000"
CHT-150 NF	150 W	N/A	2.361"	2.000"
CHT-200 NF	200 W	N/A	3.750"	1.000"
CHT-200-1 NF	200 W	N/A	2.375"	1.000"
CHT-200-2 NF	200 W	N/A	2.375"	0.750"
CHT-200-3 NF	200 W	N/A	3.750"	1.000"
CHT-250 NF	150 W	N/A	2.361"	2.000"
CHT-250-1 NF	250 W	N/A	2.100"	1.500"
CHT-300 NF	300 W	N/A	3.400"	1.625"

Component General, Inc.

P/N:CFT-2 NF

Coaxial N Series



Electrical Specifications

Peak Power:

1.5 KW.

Average Power:

2 W.

Impedance:

50 Ω

Frequency Range:

DC - 6.0 GHz

6.0 - 12.4 GHz

VSWR (Max.):

1.15:1

1.25:1

Mechanical Specifications

Connector:

Brass, Nickel plated.

Contact:

Brass, Gold plated.

Housing:

Brass, Nickel plated.

Insulator:

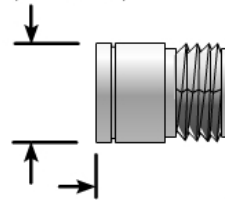
PTFE, Virgin grade.

Weight:

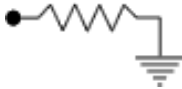
61.0 Grams.

Part Dimensions

0.750" (19.050mm)



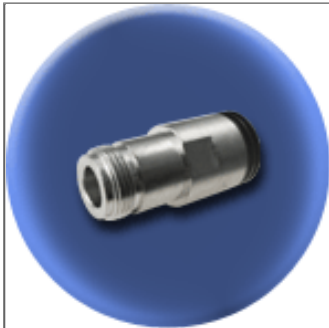
1.600" (40.640mm)



Component General, Inc.

P/N:CFT - 5 NF

Coaxial Terminations



Electrical Specifications

Average Power:

5 W.

Frequency Range:

DC - 6.0 GHz
6.0 - 12.4 GHz

VSWR (Max.):

1.20:1
1.35:1

Peak Power:

2.0 K W.

Impedance:

50 Ω

Mechanical Specifications

Connector:

Brass, Nickel plated.

Contact:

Brass, Gold Plated.

Housing:

Aluminum, Black, Anodized.

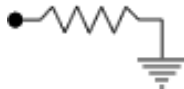
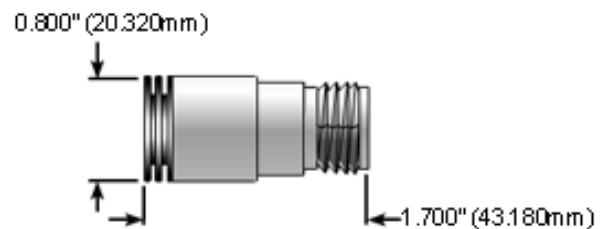
Insulator:

PTFE, Virgin grade.

Weight:

45.0 Grams.

Part Dimensions

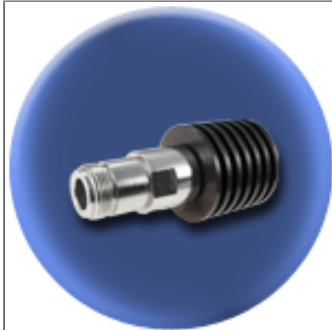


2445 Success Drive Odessa, FL 33556
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Component General, Inc.

P/N:CFT - 15 NF

Coaxial Terminations



Electrical Specifications

Average Power:

15 W.

Frequency Range:

DC - 6.0 GHz
6.0 - 12.4 GHz

VSWR (Max.):

1.20:1
1.35:1

Peak Power:

2.0 K W.

Impedance:

50 Ω

Mechanical Specifications

Connector:

Brass, Nickel plated.

Contact:

Brass, Silver Plated

Housing:

Aluminum, Black Anodized.

Insulator:

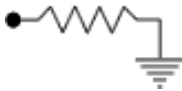
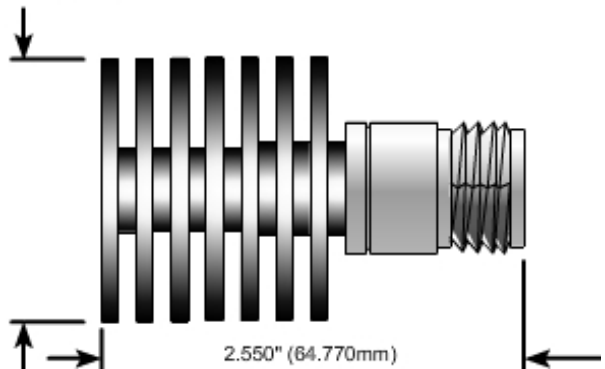
PTFE, Virgin grade.

Weight:

83.0 Grams.

Part Dimensions

1.250" (31.750mm)

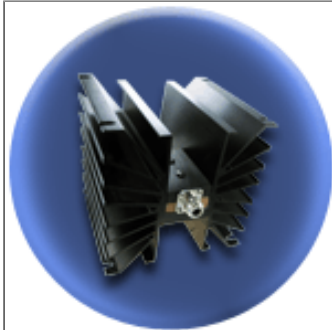


2445 Success Drive Odessa, FL 33556
727-376-6655 or 800-246-4084

Component General, Inc.

P/N:CFT - 100 NF

Coaxial Terminations



Electrical Specifications

Power:

100 W.

Frequency Range:

DC - 1.0 GHz

1.0 - 2.0 GHz

VSWR (Max.):

1.08:1

1.15:1

Impedance:

50 Ω

Mechanical Specifications

Connector:

Brass, Nickel plated.

Contact:

Brass, Silver plated .

Heat Sink:

Aluminum, Black Anodized.

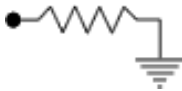
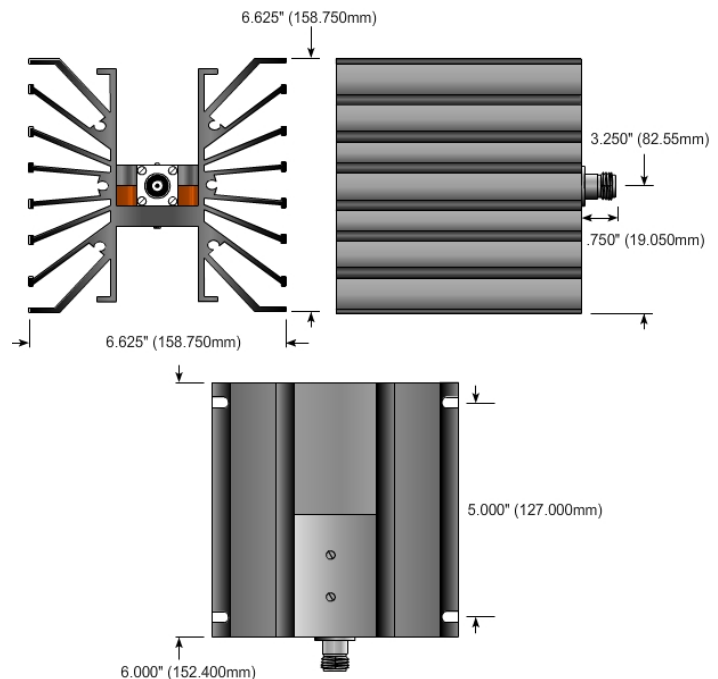
Housing:

Aluminum, Black, Anodized.

Insulator:

PTFE, Virgin grade.

Part Dimensions



2445 Success Drive Odessa, FL 33556
727-376-6655 or 800-246-4084

Component General, Inc.

P/N:CHT - 150 NF

Coaxial Terminations



Electrical Specifications

Power:

150 W.

Frequency Range:

DC - 1.0 GHz
1.0 - 2.0 GHz

VSWR (Max.):

1.15:1
1.40:1

Impedance:

50 Ω

Mechanical Specifications

Contact:

Beryllium Copper, Gold plated.

Connector:

Brass, Nickel plated.

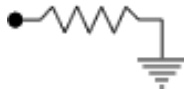
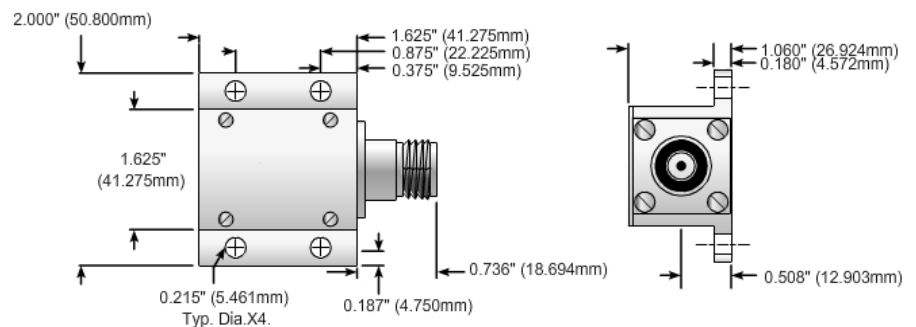
Housing:

Copper, Nickel plated.

Insulator:

PTFE, Virgin grade

Part Dimensions



The CHT Series high power coaxial terminations are conduction cooled loads. They are designed to be mounted on a heat sink ground plane or a chill plate. The power ratings require that the base plate of the CHT-15-2 does not exceed 100°C or 85°C for all other sizes.

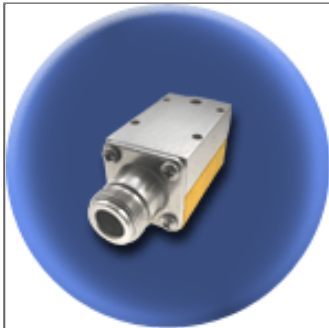


2445 Success Drive Odessa, FL 33556
727-376-6655 or 800-246-4084

Component General, Inc.

P/N:CHT - 200 NF

Coaxial Terminations



Electrical Specifications

Power:

200 W on Adequate Heat Sink.

Frequency Range:

DC - 1.0 GHz

VSWR (Max.):

1.08:1

Impedance:

50 Ω

Mechanical Specifications

Cover:

Aluminum, Clear iridited.

Connector:

Brass, Nickel plated.

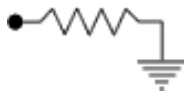
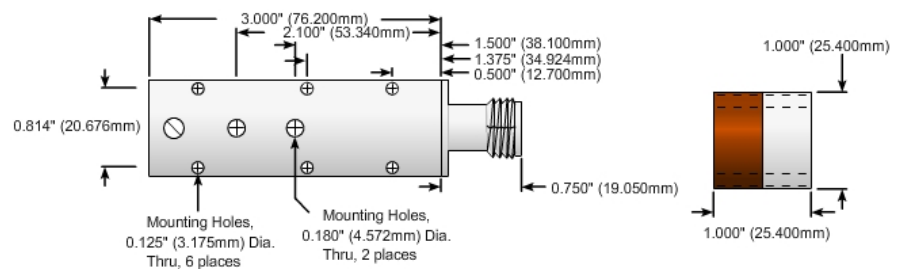
Housing:

Copper, Bare.

Insulator:

PTFE, Virgin grade.

Part Dimensions



Note: Mounting hole spacing can be altered to meet your needs.

The CHT Series high power coaxial terminations are conduction cooled loads. They are designed to be mounted on a heat sink ground plane or a chill plate. The power ratings require that the base plate of the CHT-15-2 does not exceed 100°C or 85°C for all other sizes.

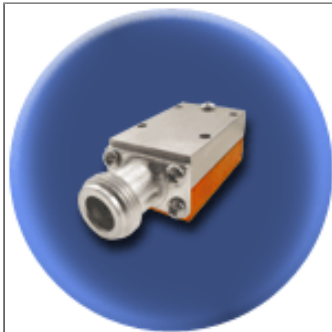


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Component General, Inc.

P/N:CHT - 200-1 NF

Coaxial Terminations



Electrical Specifications

Power:

200 W on Adequate
Heat Sink.

Frequency Range:

DC - 1.0 GHz

VSWR (Max.):

1.08:1

Impedance:

50 Ω

Mechanical Specifications

Cover:

Aluminum, Gold iredited .

Connector:

Brass, Nickel plated.

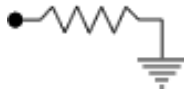
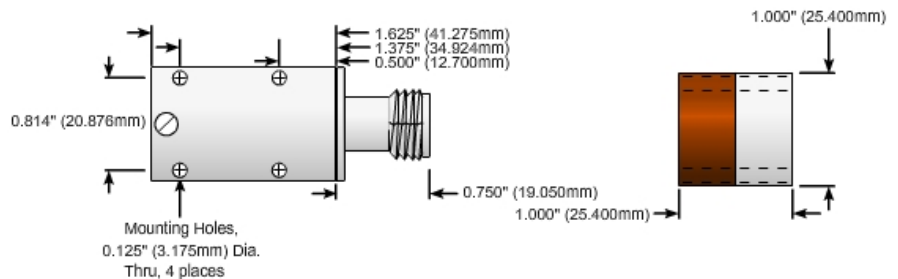
Housing:

Copper, Bare .

Insulator:

PTFE, Virgin grade.

Part Dimensions



Note: Mounting hole spacing can be altered to meet your needs.

The CHT Series high power coaxial terminations are conduction cooled loads. They are designed to be mounted on a heat sink ground plane or a chill plate. The power ratings require that the base plate of the CHT-15-2 does not exceed 100°C or 85°C for all other sizes.



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Component General, Inc.

P/N: CHT - 200-2 NF

Coaxial Terminations



Electrical Specifications

Power:

200 W on Adequate
Heat Sink.

Frequency Range:

DC - 1.0 GHz

VSWR (Max.):

1.08:1

Impedance:

50 Ω

Mechanical Specifications

Cover:

Aluminum, Gold iredited .

Connector:

Brass, Nickel plated.

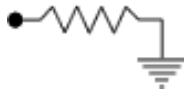
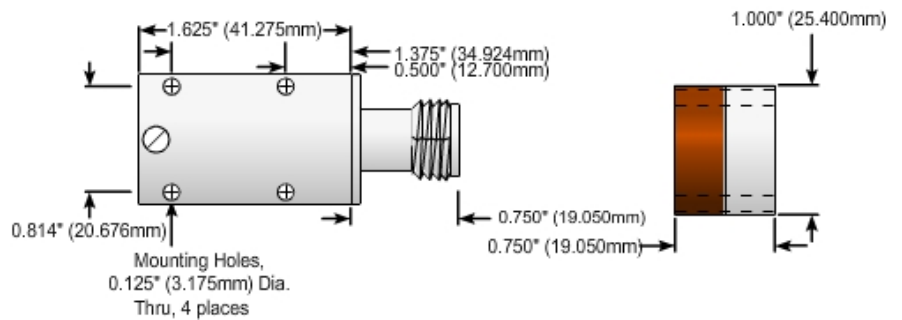
Housing:

Copper, Bare .

Insulator:

PTFE, Virgin grade.

Part Dimensions



The CHT Series high power coaxial terminations are conduction cooled loads. They are designed to be mounted on a heat sink ground plane or a chill plate. The power ratings require that the base plate of the CHT-15-2 does not exceed 100°C or 85°C for all other sizes.

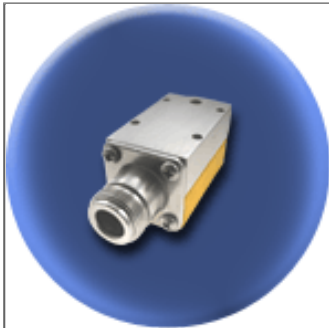


2445 Success Drive Odessa, FL 33556
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Component General, Inc.

P/N:CHT - 200-3 NF

Coaxial Terminations



Electrical Specifications

Power:

200 W on Adequate
Heat Sink.

Frequency Range:

DC - 1.0 GHz

VSWR (Max.):

1.08:1

Impedance:

50 Ω

Mechanical Specifications

Cover:

Aluminum, Gold iridited .

Connector:

Brass, Nickel plated.

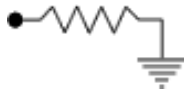
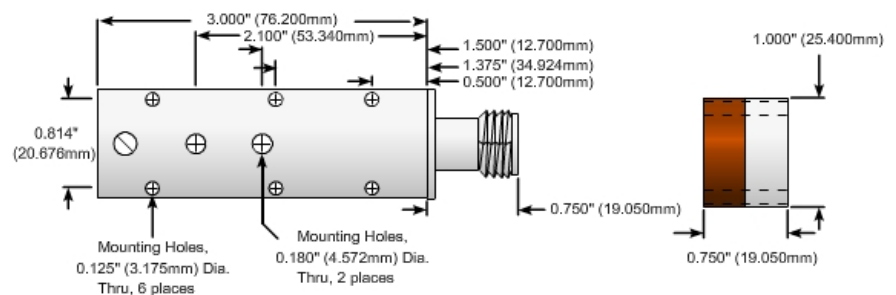
Housing:

Copper, Bare .

Insulator:

PTFE, Virgin grade.

Part Dimensions



Note: Mounting hole spacing can be altered to meet your needs.

The CHT Series high power coaxial terminations are conduction cooled loads. They are designed to be mounted on a heat sink ground plane or a chill plate. The power ratings require that the base plate of the CHT-15-2 does not exceed 100°C or 85°C for all other sizes.

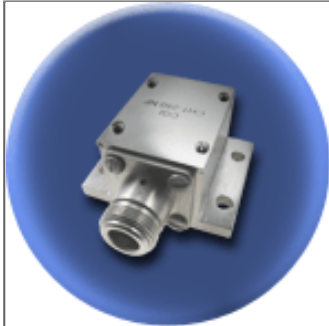


2445 Success Drive Odessa, FL 33556
727-376-6655 or 800-246-4084

Component General, Inc.

P/N:CHT - 250 NF

Coaxial Terminations



Electrical Specifications

	Frequency Range:	VSWR (Max.):
Power: 250 W.	DC - 200 MHz	1.15:1
	200 - 400 MHz	1.25:1
	400 - 800 MHz	1.30:1
Impedance: 50 Ω		

Mechanical Specifications

Contact:

Beryllium Copper, Gold plated.

Connector:

Brass, Nickel plated.

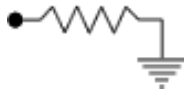
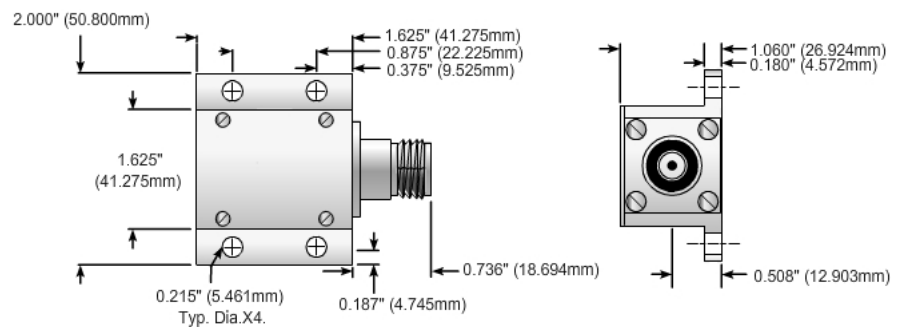
Housing:

Copper, Nickel plated.

Insulator:

PTFE, Virgin grade.

Part Dimensions



The CHT Series high power coaxial terminations are conduction cooled loads. They are designed to be mounted on a heat sink ground plane or a chill plate. The power ratings require that the base plate of the CHT-15-2 does not exceed 100°C or 85°C for all other sizes.

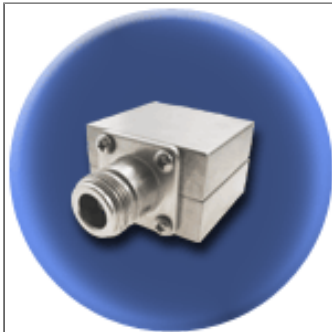


2445 Success Drive Odessa, FL 33556
727-376-6655 or 800-246-4084

Component General, Inc.

P/N:CHT - 250-1 NF

Coaxial Terminations



Electrical Specifications

Power:

250 W on Adequate
Heat Sink.

Frequency Range:

DC - 1.0 GHz

VSWR (Max.):

1.10:1

Impedance:

50 Ω

Mechanical Specifications

Cover:

Copper, Nickel Plated.

Connector:

Brass, Nickel plated.

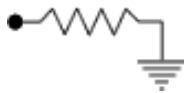
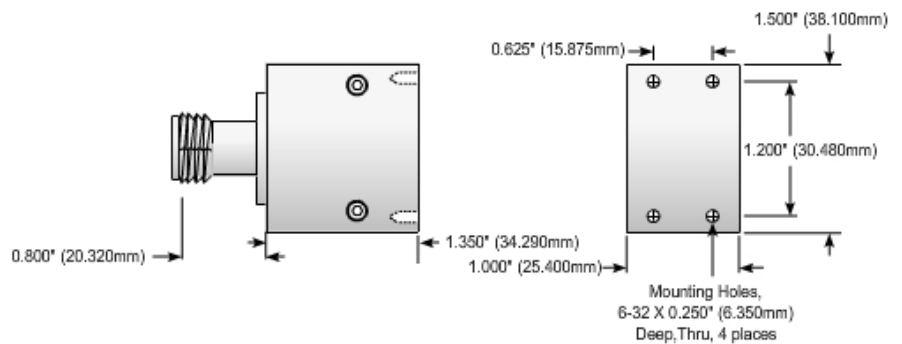
Housing:

Copper, Nickel Plated.

Insulator:

PTFE, Virgin grade.

Part Dimensions



Note: Mounting hole spacing can be altered to meet your needs.

The CHT Series high power coaxial terminations are conduction cooled loads. They are designed to be mounted on a heat sink ground plane or a chill plate. The power ratings require that the base plate of the CHT-15-2 does not exceed 100°C or 85°C for all other sizes.

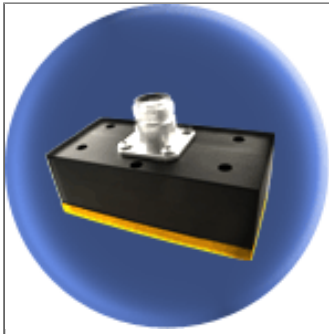


2445 Success Drive Odessa, FL 33556
727-376-6655 or 800-246-4084

Component General, Inc.

P/N:CHT - 300 NF

Coaxial Terminations



Electrical Specifications

Power:

250 W on Adequate Heat Sink.

Frequency Range:

DC - 1.0 GHz

VSWR (Max.):

1.10:1

Return Loss:

-26 dB (Standard)

Impedance:

50 Ω

Mechanical Specifications

Cover:

Aluminum, Black Anodized .

Connector:

Brass, Nickel plated.

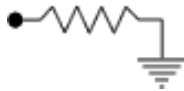
Housing:

Copper, Bare .

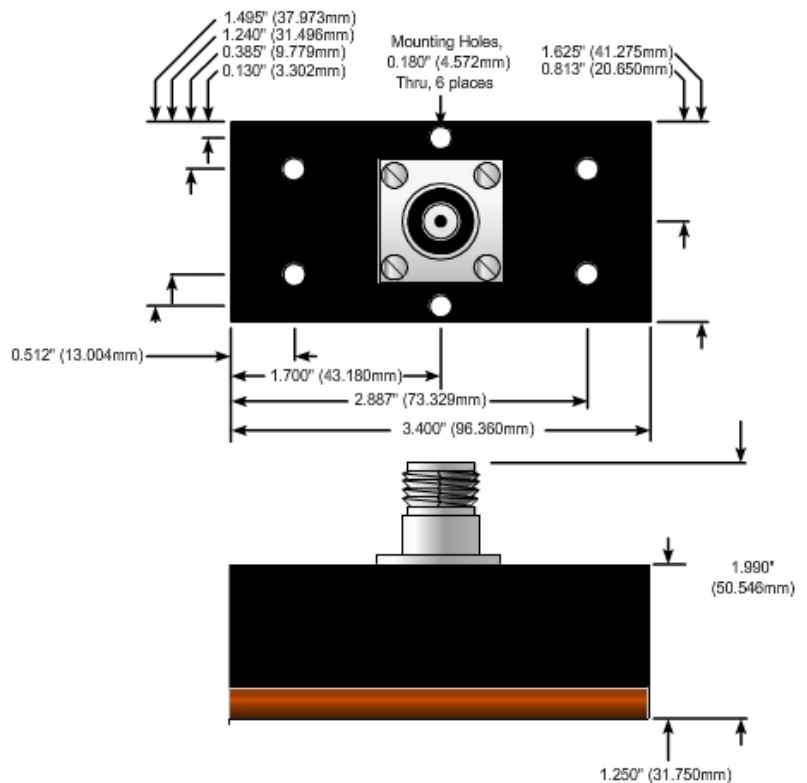
Insulator:

PTFE, Virgin grade.

Note: Mounting hole spacing can be altered to meet your needs.



Part Dimensions



The CHT Series high power coaxial terminations are conduction cooled loads. They are designed to be mounted on a heat sink ground plane or a chill plate. The power ratings require that the base plate of the CHT-15-2 does not exceed 100°C or 85°C for all other sizes.



2445 Success Drive Odessa, FL 33556
727-376-6655 or 800-246-4084

Component General, Inc.

Coaxial N Male Terminations

MECHANICAL SPECIFICATIONS



Connector: Brass, Nickel Plated.

Insulator: PTFE, Virgin grade.

Impedance: 50 Ω .

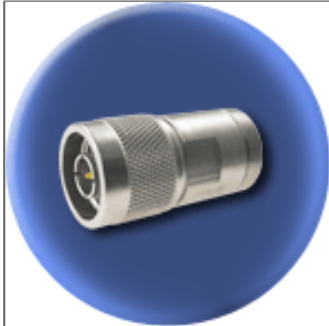
high power coaxial N Male Terminations product selection chart

P/N	Power Avg.	Power Peak	Length	Width
CFT-2 NM	2 W	1.5 KW.	1.600"	0.800"
CFT-5 NM	5 W	2 KW.	1.700"	0.800"
CFT-10 NM	10 W	2 KW.	2.500"	0.065"
CFT-15 NM	15 W	2 KW.	2.550"	1.250"
CFT-35 NM	35 W	3 KW.	2.200"	1.650"
CFT-100 NM	100 W	N/A	6.250"	6.000"
CHT-150 NM	150 W	N/A	2.361"	2.000"
CHT-200 NM	200 W	N/A	3.750"	1.000"
CHT-200-1 NM	200 W	N/A	2.375"	1.000"
CHT-200-3 NM	200 W	N/A	3.750"	1.000"
CHT-250 NM	150 W	N/A	2.361"	2.000"
CHT-250-1 NM	250 W	N/A	2.100"	1.500"
CHT-300 NM	300 W	N/A	3.400"	1.625"

Component General, Inc.

P/N:CFT-2 NM

Coaxial N Series



Electrical Specifications

Average Power:

2 W.

Frequency Range:

DC - 6.0 GHz

6.0 - 12.4 GHz

VSWR (Max.):

1.15:1

1.20:1

Peak Power:

1.5 KW.

Impedance:

50 Ω

Mechanical Specifications

Connector:

Brass, Nickel plated.

Contact:

Brass, Gold plated.

Housing:

Brass, Nickel plated.

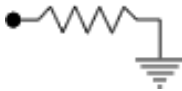
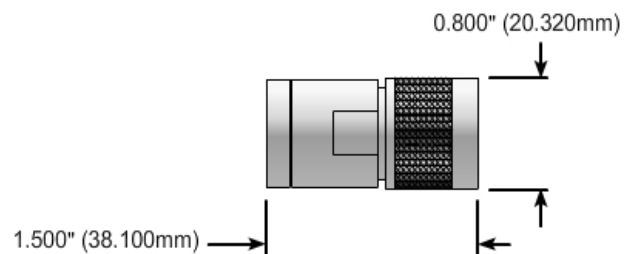
Insulator:

PTFE, Virgin grade.

Weight:

63.0 Grams.

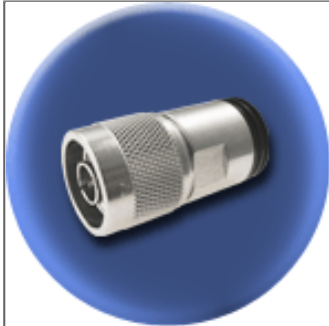
Part Dimensions



Component General, Inc.

P/N:CFT - 5 NM

Coaxial Terminations



Electrical Specifications

Average Power:

5 W.

Frequency Range:

DC - 6.0 GHz

6.0 - 12.4 GHz

VSWR (Max.):

1.20:1

1.30:1

Peak Power:

2.0 K W.

Impedance:

50 Ω

Mechanical Specifications

Connector:

Brass, Nickel plated.

Contact:

Brass, Gold plated .

Housing:

Aluminum, Black Anodized.

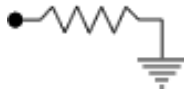
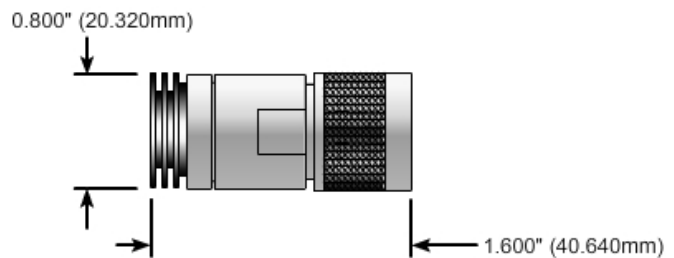
Insulator:

PTFE, Virgin grade.

Weight:

46.0 Grams.

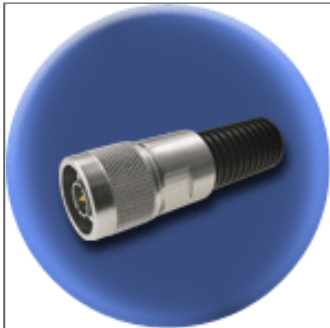
Part Dimensions



Component General, Inc.

P/N:CFT - 10 NM

Coaxial Terminations



Electrical Specifications

Average Power:

10 W.

Frequency Range: **VSWR (Max.):**

DC - 6.0 GHz

1.20:1

6.0 - 12.4 GHz

1.30:1

Peak Power:

2.0 K W.

Impedance:

50 Ω

Mechanical Specifications

Connector:

Brass, Nickel plated.

Contact:

Brass, Silver plated .

Housing:

Aluminum, Black Anodized.

Insulator:

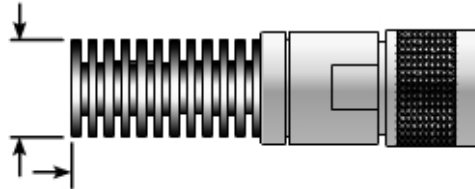
PTFE, Virgin grade.

Weight:

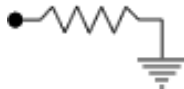
72.0 Grams.

Part Dimensions

0.650" (16.510mm)



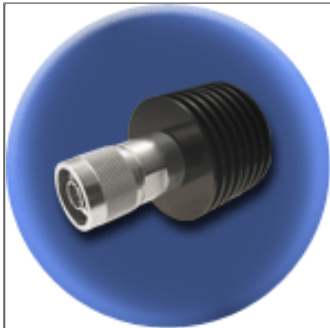
2.500" (63.500 mm)



Component General, Inc.

P/N:CFT - 15 NM

Coaxial Terminations



Electrical Specifications

Average Power:

15 W.

Frequency Range:

DC - 6.0 GHz
6.0 - 12.4 GHz

VSWR (Max.):

1.20:1
1.30:1

Peak Power:

2.0 K W.

Impedance:

50 Ω

Mechanical Specifications

Connector:

Brass, Nickel plated.

Contact:

Brass, Silver plated .

Housing:

Aluminum, Black Anodized.

Insulator:

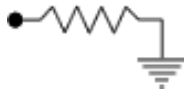
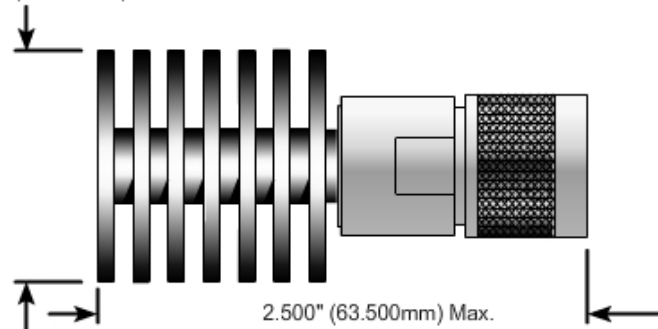
PTFE, Virgin grade.

Weight:

85.0 Grams.

Part Dimensions

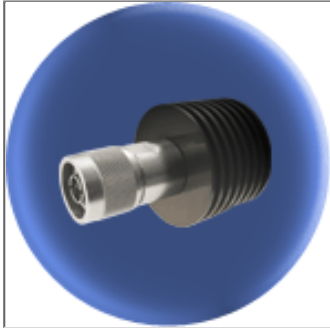
1.250" (31.750mm) Max.



Component General, Inc.

P/N:CFT - 35 NM

Coaxial Terminations



Electrical Specifications

Average Power:

35 W.

Frequency Range:

DC - 2.0 GHz

2.0 - 4.0 GHz

VSWR (Max.):

1.15:1

1.20:1

Peak Power:

2.0 K W.

Impedance:

50 Ω

Mechanical Specifications

Connector:

Brass, Nickel plated.

Contact:

Brass, Silver plated .

Housing:

Aluminum, Black Anodized.

Insulator:

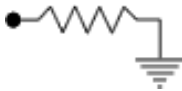
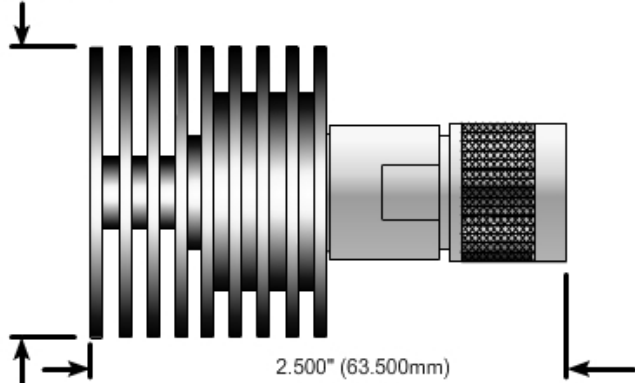
PTFE, Virgin grade.

Weight:

110.0 Grams.

Part Dimensions

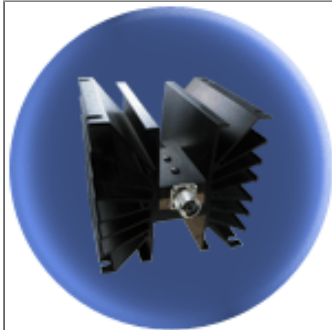
1.650" (41.910mm)



Component General, Inc.

P/N:CFT - 100 NM

Coaxial Terminations



Electrical Specifications

Power:

100 W.

Frequency Range:

DC - 1.0 GHz

1.0 - 2.0 GHz

VSWR (Max.):

1.08:1

1.15:1

Impedance:

50 Ω

Mechanical Specifications

Connector:

Brass, Nickel plated.

Contact:

Brass, Silver plated .

Heat Sink:

Aluminum, Black Anodized.

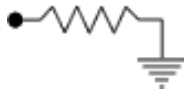
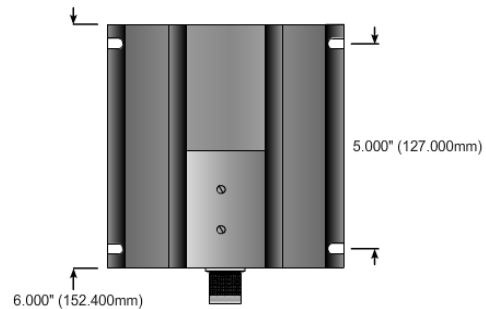
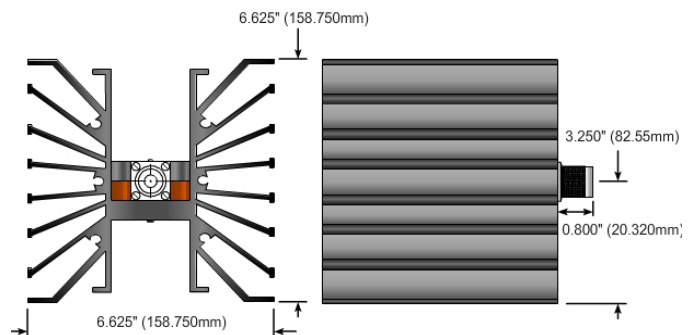
Housing:

Aluminum, Black Anodized.

Insulator:

PTFE, Virgin grade.

Part Dimensions



Component General, Inc.

P/N: CHT - 150 NM

Coaxial Terminations



Electrical Specifications

Power:

150 W.

Frequency Range:

DC - 1.0 GHz

1.0 - 2.0 GHz

VSWR (Max.):

1.15:1

1.40:1

Impedance:

50 Ω

Mechanical Specifications

Contact:

Beryllium Copper, Gold plated.

Connector:

Brass, Nickel plated.

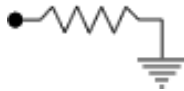
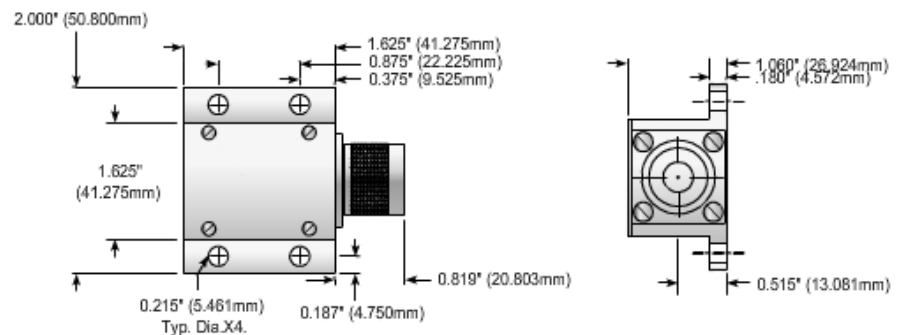
Housing:

Copper, Nickel plated.

Insulator:

PTFE, Virgin grade

Part Dimensions



The CHT Series high power coaxial terminations are conduction cooled loads. They are designed to be mounted on a heat sink ground plane or a chill plate. The power ratings require that the base plate of the CHT-15-2 does not exceed 100°C or 85°C for all other sizes.



2445 Success Drive Odessa, FL 33556
727-376-6655 or 800-246-4084

Component General, Inc.

P/N:CHT - 200 NM

Coaxial Terminations



Electrical Specifications

Power :

200 W on Adequate
Heat Sink.

Frequency Range:

DC - 1.0 GHz

VSWR (Max.):

1.08:1

Impedance:

50 Ω

Mechanical Specifications

Cover:

Aluminum, Clear iridited .

Connector:

Brass, Nickel plated.

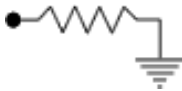
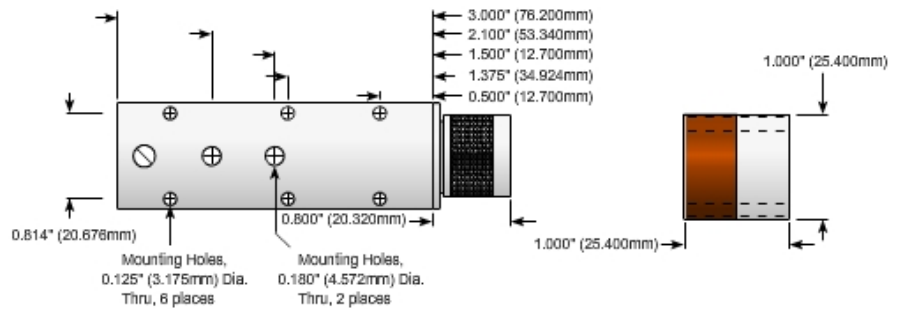
Housing:

Copper, Bare .

Insulator:

PTFE, Virgin grade.

Part Dimensions



Note: Mounting hole spacing can be altered to meet your needs.

The CHT Series high power coaxial terminations are conduction cooled loads. They are designed to be mounted on a heat sink ground plane or a chill plate. The power ratings require that the base plate of the CHT-15-2 does not exceed 100°C or 85°C for all other sizes.

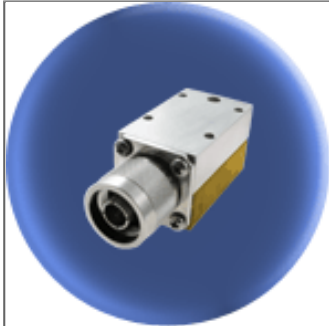


2445 Success Drive Odessa, FL 33556
727-376-6655 or 800-246-4084

Component General, Inc.

P/N:CHT - 200-1 NM

Coaxial Terminations



Electrical Specifications

Power:

200 W on Adequate
Heat Sink.

Frequency Range:

DC - 1.0 GHz

VSWR (Max.):

1.08:1

Impedance:

50 Ω

Mechanical Specifications

Cover:

Aluminum, Gold iredited .

Connector:

Brass, Nickel plated.

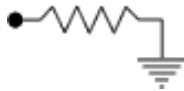
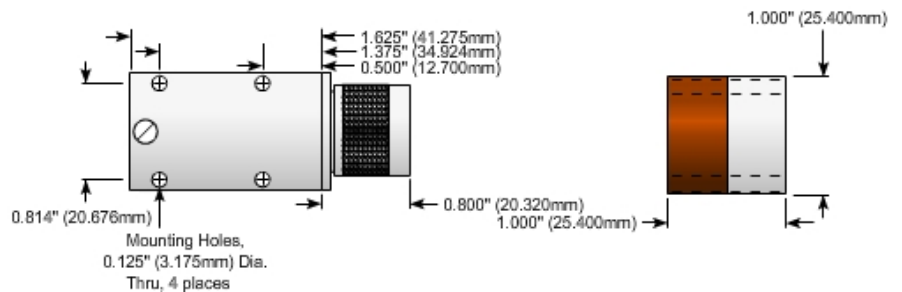
Housing:

Copper, Bare .

Insulator:

PTFE, Virgin grade.

Part Dimensions



Note: Mounting hole spacing can be altered to meet your needs.

The CHT Series high power coaxial terminations are conduction cooled loads. They are designed to be mounted on a heat sink ground plane or a chill plate. The power ratings require that the base plate of the CHT-15-2 does not exceed 100°C or 85°C for all other sizes.



2445 Success Drive Odessa, FL 33556
727-376-6655 or 800-246-4084

Component General, Inc.

P/N:CHT - 250 NM

Coaxial Terminations



Electrical Specifications

	Frequency Range:	VSWR (Max.):
Power: 150 W.	DC - 200 MHz	1.15:1
	200 - 400 MHz	1.25:1
	400 - 800 MHz	1.30:1
Impedance: 50 Ω		

Mechanical Specifications

Contact:

Beryllium Copper, Gold plated.

Connector:

Brass, Nickel plated.

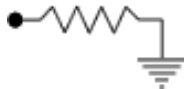
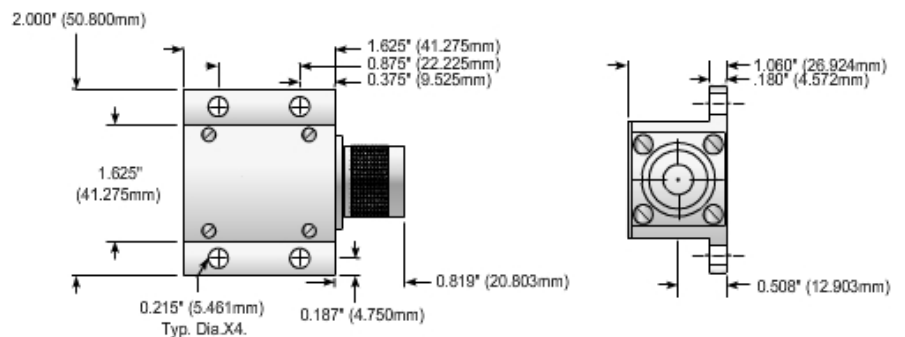
Housing:

Copper, Nickel plated.

Insulator:

PTFE, Virgin grade.

Part Dimensions



The CHT Series high power coaxial terminations are conduction cooled loads. They are designed to be mounted on a heat sink ground plane or a chill plate. The power ratings require that the base plate of the CHT-15-2 does not exceed 100°C or 85°C for all other sizes.



2445 Success Drive Odessa, FL 33556
727-376-6655 or 800-246-4084

Component General, Inc.

P/N:CHT - 250-1 NM

Coaxial Terminations



Electrical Specifications

Power:

250 W on Adequate
Heat Sink.

Frequency Range:

DC - 1.0 GHz

VSWR (Max.):

1.10:1

Impedance:

50 Ω

Mechanical Specifications

Cover:

Copper, Nickel Plated.

Connector:

Brass, Nickel plated.

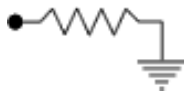
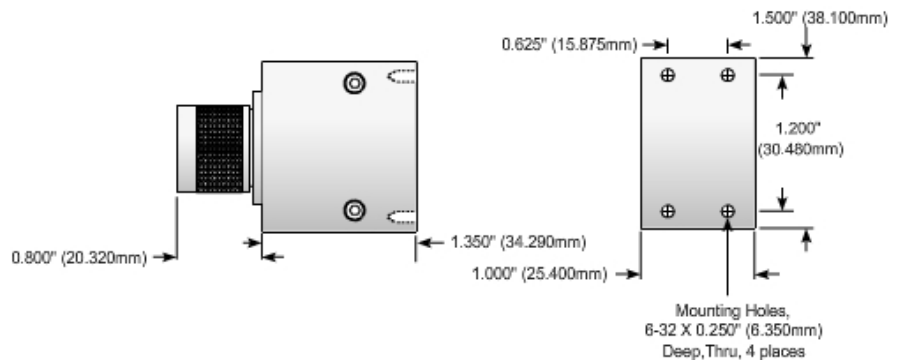
Housing:

Copper, Nickel Plated.

Insulator:

PTFE, Virgin grade.

Part Dimensions



Note: Mounting hole spacing can be altered to meet your needs.

The CHT Series high power coaxial terminations are conduction cooled loads. They are designed to be mounted on a heat sink ground plane or a chill plate. The power ratings require that the base plate of the CHT-15-2 does not exceed 100°C or 85°C for all other sizes.

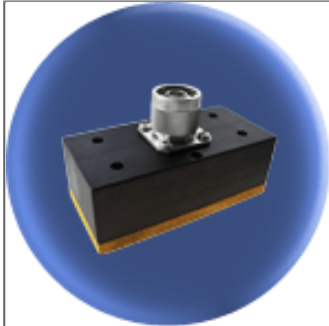


2445 Success Drive Odessa, FL 33556
727-376-6655 or 800-246-4084

Component General, Inc.

P/N: CHT - 300 NM

Coaxial Terminations



Electrical Specifications

Power:

250 W on Adequate
Heat Sink.

Frequency Range:

DC - 1.0 GHz

VSWR (Max.):

1.10:1

Return Loss:

-26 dB (Standard)

Impedance:

50 Ω

Mechanical Specifications

Cover:

Aluminum, Black Anodized .

Connector:

Brass, Nickel plated.

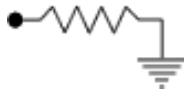
Housing:

Copper, Bare .

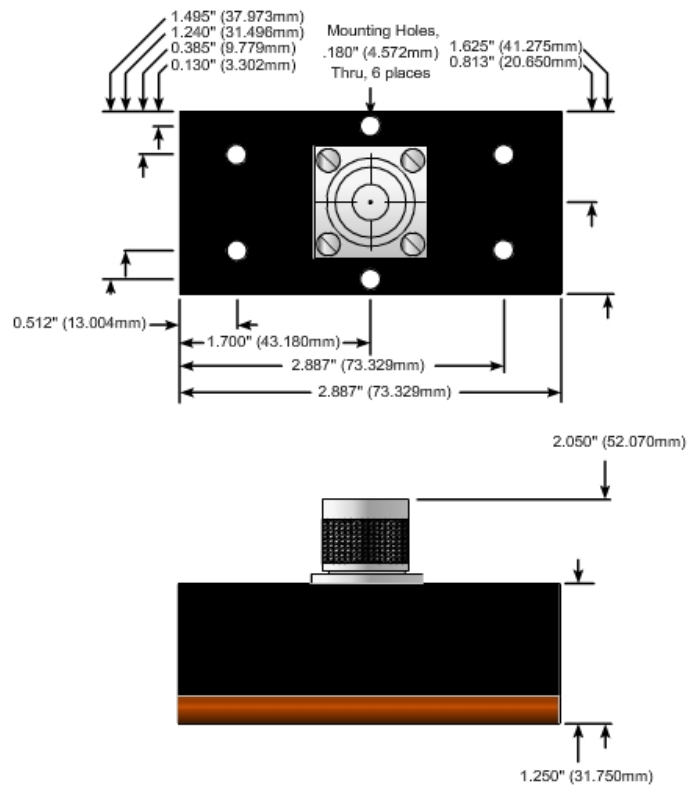
Insulator:

PTFE, Virgin grade.

Note: Mounting hole spacing can be altered to meet your needs.



Part Dimensions



The CHT Series high power coaxial terminations are conduction cooled loads. They are designed to be mounted on a heat sink ground plane or a chill plate. The power ratings require that the base plate of the CHT-15-2 does not exceed 100°C or 85°C for all other sizes.



2445 Success Drive Odessa, FL 33556
727-376-6655 or 800-246-4084

■ Coaxial BNC Terminations

■ MECHANICAL SPECIFICATIONS

Connector: Brass, Nickel Plated.

Insulator: PTFE, Virgin grade.

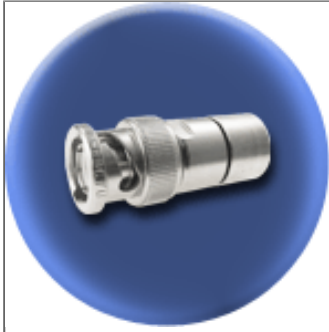
Impedance: 50 Ω .

high power coaxial BNC Terminations product selection chart				
P/N	Power Avg.	Power Peak	Length	Width
CFT-2 BM	2 W	1.5 KW.	1.350"	0.600"
CFT-5 BM	5 W	2.0 KW.	1.500"	0.750"
CFT-15 BM	15 W	2.0 KW.	2.100"	1.250"
CFT-35 BM	35 W	3.0 KW.	2.200"	1.650"

Component General, Inc.

P/N:CFT-2 BM

Coaxial BNC Series



Electrical Specifications

Average Power:

2 W.

Frequency Range:

DC - 6.0 GHz

VSWR (Max.):

1.25:1

Peak Power:

1.5 KW.

Impedance:

50 Ω

Mechanical Specifications

Connector:

Brass, Nickel plated.

Contact:

Brass, Gold plated.

Housing:

Brass, Nickel plated.

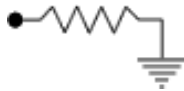
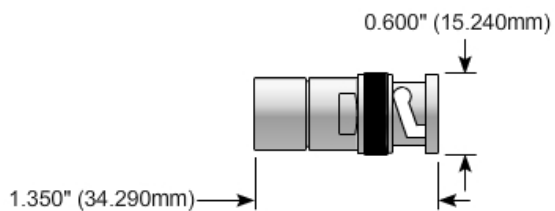
Insulator:

PTFE, Virgin grade.

Weight:

19.0 Grams.

Part Dimensions

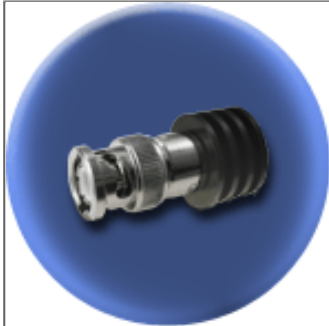


2445 Success Drive Odessa, FL 33556
727-376-6655 or 800-246-4084

Component General, Inc.

P/N:CFT-5 BM

Coaxial BNC Series



Electrical Specifications

Average Power: 5 W.	Frequency Range: DC - 6.0 GHz	VSWR (Max.): 1.30:1
Peak Power: 2.0 KW.	Impedance: 50 Ω	

Mechanical Specifications

Connector:

Brass, Nickel plated.

Contact:

Brass, Gold plated.

Housing:

Aluminum, Black Anodized.

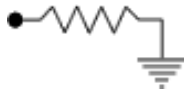
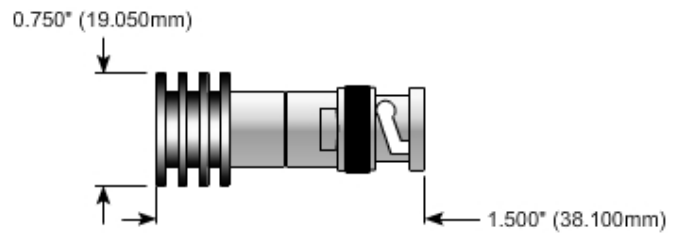
Insulator:

PTFE, Virgin grade.

Weight:

19.0 Grams.

Part Dimensions

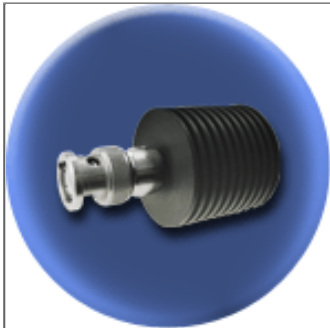


2445 Success Drive Odessa, FL 33556
727-376-6655 or 800-246-4084

Component General, Inc.

P/N:CFT-15 BM

Coaxial BNC Series



Electrical Specifications

Average Power:

15 W.

Frequency Range:

DC - 6.0 GHz

VSWR (Max.):

1.30:1

Peak Power:

2.0 KW.

Impedance:

50 Ω

Mechanical Specifications

Connector:

Brass, Nickel plated.

Contact:

Brass, Silver plated.

Housing:

Aluminum, Black Anodized.

Insulator:

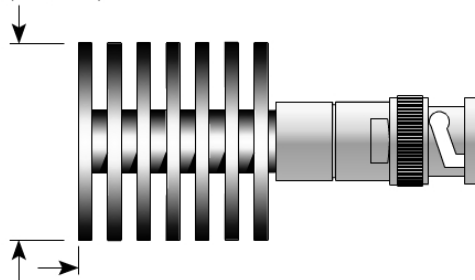
PTFE, Virgin grade.

Weight:

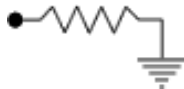
48.0 Grams.

Part Dimensions

1.250" (31.750mm)



2.100" (53.340mm)



2445 Success Drive Odessa, FL 33556
727-376-6655 or 800-246-4084

Component General, Inc.

P/N:CFT-35 BM

Coaxial BNC Series



Electrical Specifications

Average Power:

35 W.

Frequency Range:

DC - 2.0 GHz

2.0 - 4.0 GHz

VSWR (Max.):

1.20:1

1.30:1

Peak Power:

3.0 KW.

Impedance:

50 Ω

Mechanical Specifications

Connector:

Brass, Nickel plated.

Contact:

Brass, Silver plated.

Housing:

Aluminum, Black Anodized.

Insulator:

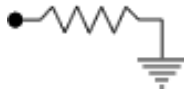
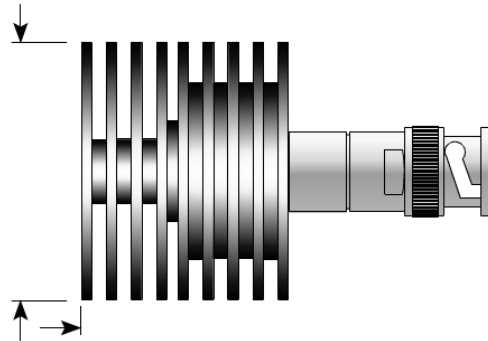
PTFE, Virgin grade.

Weight:

75.0 Grams.

Part Dimensions

1.650" (41.910mm)



2445 Success Drive Odessa, FL 33556
727-376-6655 or 800-246-4084

Component General, Inc.

■ Coaxial TNC Terminations

■ MECHANICAL SPECIFICATIONS

Connector: Brass, Nickel Plated.

Insulator: PTFE, Virgin grade.

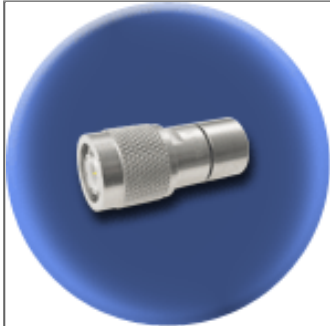
Impedance: 50 Ω .

high power coaxial TNC terminations product selection chart				
P/N	Power Avg.	Power Peak	Length	Width
CFT-2 TM	2 W	1.5 KW.	1.350"	0.650"
CFT-5 TM	5 W	2.0 KW.	1.500"	0.750"
CFT-15 TM	15 W	2.0 KW.	2.100"	1.250"
CFT-35 TM	35 W	3.0 KW.	2.200"	1.650"

Component General, Inc.

P/N:CFT-2 TM

Coaxial TNC Series



Electrical Specifications

Average Power:

2 W.

Frequency Range:

DC - 6.0 GHz

6.0 - 12.4 GHz

VSWR (Max.):

1.15:1

1.25:1

Peak Power:

1.5 KW.

Impedance:

50 Ω

Mechanical Specifications

Connector:

Brass, Nickel plated.

Contact:

Brass, Gold plated.

Housing:

Brass, Nickel plated.

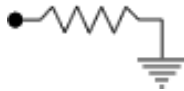
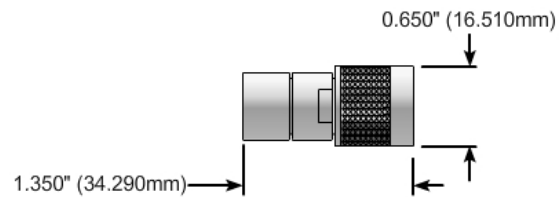
Insulator:

PTFE, Virgin grade.

Weight:

24.0 Grams.

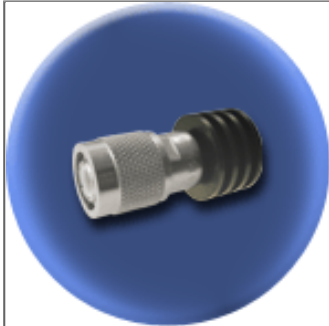
Part Dimensions



Component General, Inc.

P/N:CFT-5 TM

Coaxial TNC Series



Electrical Specifications

Average Power:

5 W.

Frequency Range:

DC - 6.0 GHz
6.0 - 12.4 GHz

VSWR (Max.):

1.15:1
1.25:1

Peak Power:

2.0 KW.

Impedance:

50 Ω

Mechanical Specifications

Connector:

Brass, Nickel plated.

Contact:

Brass, Gold Plated.

Housing:

Aluminum, Black, Anodized.

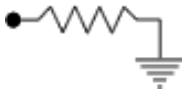
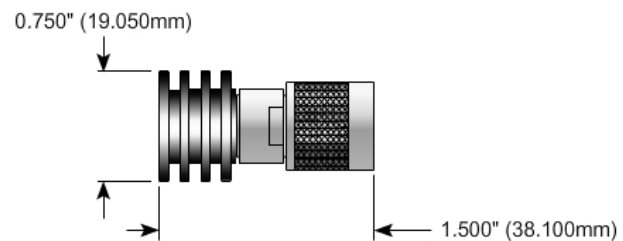
Insulator:

PTFE, Virgin grade.

Weight:

24.0 Grams.

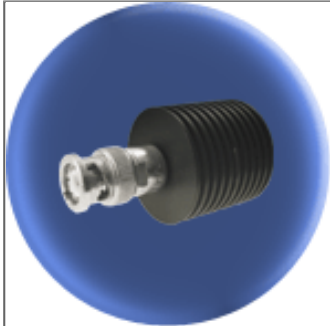
Part Dimensions



Component General, Inc.

P/N:CFT-15 TM

Coaxial TNC Series



Electrical Specifications

Average Power:

15 W.

Frequency Range: **VSWR (Max.):**

DC - 6.0 GHz

1.25:1

6.0 - 12.4 GHz

1.35:1

Peak Power:

2.0 KW.

Impedance:

50 Ω

Mechanical Specifications

Connector:

Brass, Nickel plated.

Contact:

Brass, Silver plated.

Housing:

Aluminum, Black Anodized.

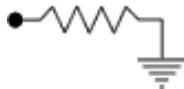
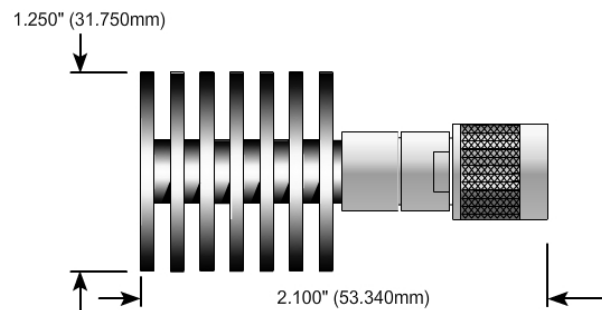
Insulator:

PTFE, Virgin grade.

Weight:

53.0 Grams.

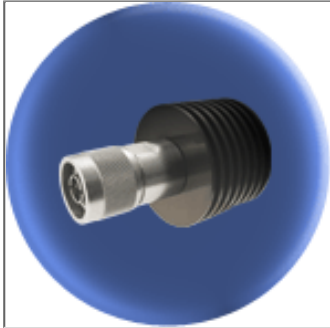
Part Dimensions



Component General, Inc.

P/N:CFT-35 TM

Coaxial TNC Series



Electrical Specifications

Average Power:

35 W.

Frequency Range:

DC - 2.0 GHz

2.0 - 4.0 GHz

VSWR (Max.):

1.15:1

1.20:1

Peak Power:

3.0 KW.

Impedance:

50 Ω

Mechanical Specifications

Connector:

Brass, Nickel plated.

Contact:

Brass, Silver plated.

Housing:

Aluminum, Black Anodized.

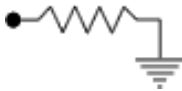
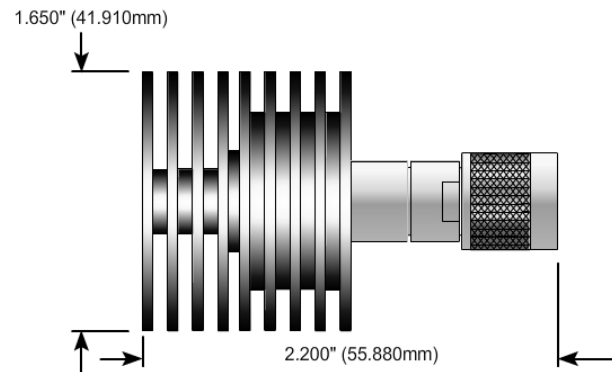
Insulator:

PTFE, Virgin grade.

Weight:

80.0 Grams.

Part Dimensions



Coaxial Attenuators

MECHANICAL SPECIFICATIONS

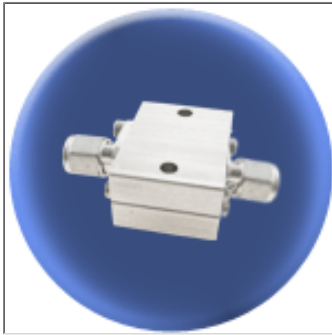
- Connector: Brass, Nickel Plated.
Housing: Aluminum, Nickel Plated per QQ-N-290.
Insulator: PTFE, Virgin grade.
Impedance: 50 Ω .

high power coaxial attenuators product selection chart				
P/N	Connectors	Width	Height	Thickness
CHA-20 SM	SMA Male	1.770"	1.000"	0.500"
CHA-20 SF	SMA Female	1.500"	1.000"	0.500"
CHA-20 SMF	SMA Male & Female	1.635"	1.000"	0.500"
CHA-20 NM	N Male	2.640"	1.000"	1.025"
CHA-20 NF	N Female	2.520"	1.000"	1.025"
CHA-20 NMF	N Male & Female	2.580"	1.000"	2.580"

Component General, Inc.

P/N:CHA-20 SM

Coaxial Attenuators



Attenuation Accuracy:

dB	DC - 1 GHz	1 - 2.5 GHz	2.5 - 4 GHz
1 - 5	± 0.5	± 0.5	± 0.5
6 - 9	± 0.5	± 0.5	± 1.0
10 - 15	± 0.75	± 1.0	± 1.5
16 - 20	± 1.0	± 2.0	± 3.0

Mechanical Specifications

Connector:

Brass, Nickel plated.

Housing:

Aluminum, Nickel plated per QQ-N-290.

Insulator:

PTFE, Virgin grade. .

Environmental Specifications

Temperature Range:

-33° to +55° C (Operating with adequate heat sink)

Relative Humidity:

0 to 95% (Non-condensing)

Electrical Specifications

Input Power :

20 W. (CW,Max.)

Impedance:

50 Ω

Frequency Range:

DC - 1.0 GHz

1.0 - 2.5 GHz

2.5 - 4.0 GHz

VSWR (Max.):

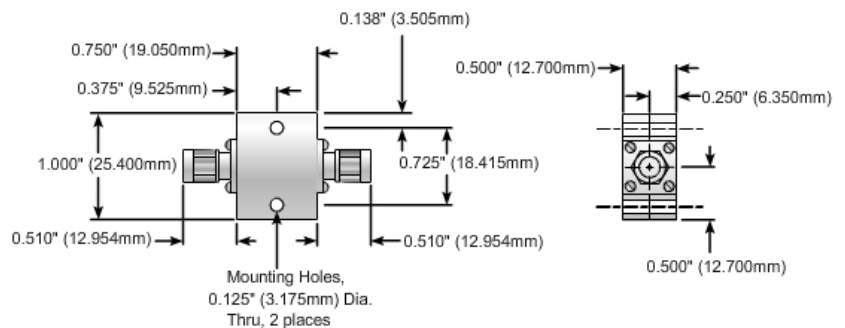
1.15:1

1.35:1

1.50:1

Note: The power ratings are based on a maximum base temperature of 85° C, and derated linearly to zero at 150° C. The use of thermal mounting compound is recommended.

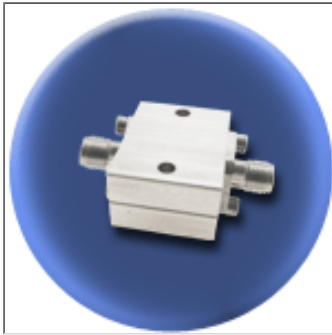
Part Dimensions



Component General, Inc.

P/N:CHA-20 SF

Coaxial Attenuators



Attenuation Accuracy:

dB	DC - 1 GHz	1 - 2.5 GHz	2.5 - 4 GHz
1 - 5	± 0.5	± 0.5	± 0.5
6 - 9	± 0.5	± 0.5	± 1.0
10 - 15	± 0.75	± 1.0	± 1.5
16 - 20	± 1.0	± 2.0	± 3.0

Mechanical Specifications

Connector:

Brass, Nickel plated.

Housing:

Aluminum, Nickel plated per QQ-N-290.

Insulator:

PTFE, Virgin grade. .

Environmental Specifications

Temperature Range:

-33° to +55° C (Operating with adequate heat sink)

Relative Humidity:

0 to 95% (Non-condensing)

Electrical Specifications

Input Power :

20 W. (CW,Max.)

Impedance:

50 Ω

Frequency Range:

DC - 1.0 GHz

1.0 - 2.5 GHz

2.5 - 4.0 GHz

VSWR (Max.):

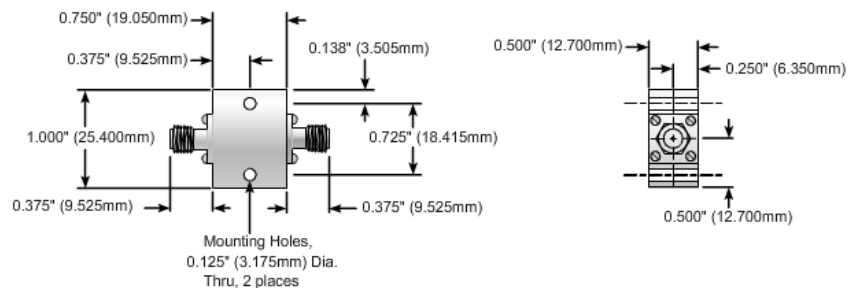
1.15:1

1.35:1

1.50:1

Note: The power ratings are based on a maximum base temperature of 85° C, and derated linearly to zero at 150° C. The use of thermal mounting compound is recommended.

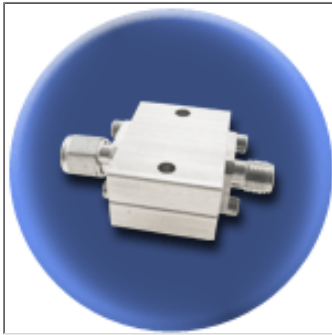
Part Dimensions



Component General, Inc.

P/N:CHA-20 SMF

Coaxial Attenuators



Attenuation Accuracy:

dB	DC - 1 GHz	1 - 2.5 GHz	2.5 - 4 GHz
1 - 5	± 0.5	± 0.5	± 0.5
6 - 9	± 0.5	± 0.5	± 1.0
10 - 15	± 0.75	± 1.0	± 1.5
16 - 20	± 1.0	± 2.0	± 3.0

Mechanical Specifications

Connector:

Brass, Nickel plated.

Housing:

Aluminum, Nickel plated per QQ-N-290.

Insulator:

PTFE, Virgin grade.

Environmental Specifications

Temperature Range:

-33° to +55° C (Operating with adequate heat sink)

Relative Humidity:

0 to 95% (Non-condensing)

Electrical Specifications

Input Power :

20 W. (CW,Max.)

Impedance:

50 Ω

Frequency Range:

DC - 1.0 GHz

1.0 - 2.5 GHz

2.5 - 4.0 GHz

VSWR (Max.):

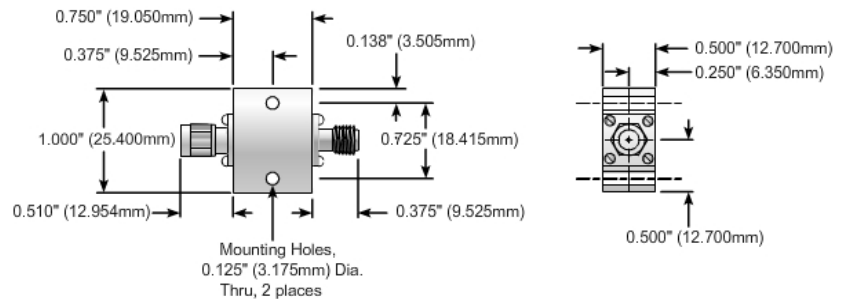
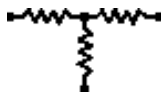
1.15:1

1.35:1

1.50:1

Note: The power ratings are based on a maximum base temperature of 85° C, and derated linearly to zero at 150° C. The use of thermal mounting compound is recommended.

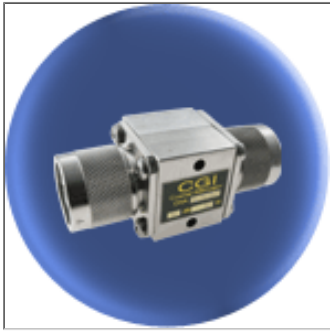
Part Dimensions



Component General, Inc.

P/N:CHA-20 NM

Coaxial Attenuators



Attenuation Accuracy:

dB	DC - 1 GHz	1 - 2.5 GHz	2.5 - 4 GHz
1 - 5	± 0.5	± 0.5	± 0.5
6 - 9	± 0.5	± 0.5	± 1.0
10 - 15	± 0.75	± 1.0	± 1.5
16 - 20	± 1.0	± 2.0	± 3.0

Mechanical Specifications

Connector:

Brass, Nickel plated.

Housing:

Aluminum, Nickel plated per QQ-N-290.

Insulator:

PTFE, Virgin grade. .

Environmental Specifications

Temperature Range:

-33° to +55° C (Operating with adequate heat sink)

Relative Humidity:

0 to 95% (Non-condensing)

Electrical Specifications

Input Power :

20 W. (CW,Max.)

Impedance:

50 Ω

Frequency Range:

DC - 1.0 GHz

1.0 - 2.5 GHz

2.5 - 4.0 GHz

VSWR (Max.):

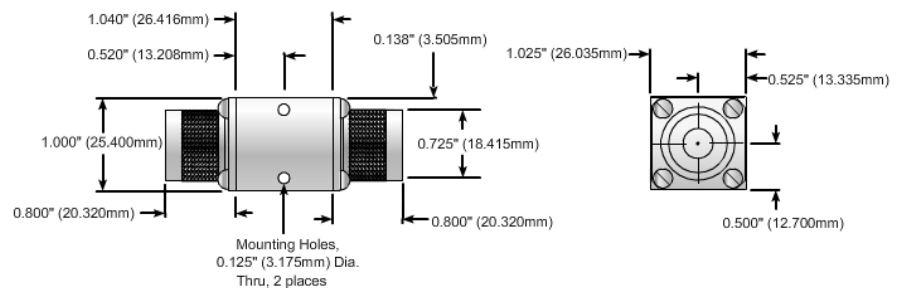
1.15:1

1.35:1

1.50:1

Note: The power ratings are based on a maximum base temperature of 85° C, and derated linearly to zero at 150° C. The use of thermal mounting compound is recommended.

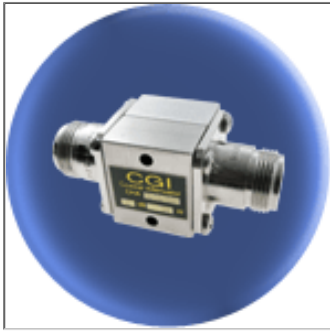
Part Dimensions



Component General, Inc.

P/N:CHA-20 NF

Coaxial Attenuators



Attenuation Accuracy:

dB	DC - 1 GHz	1 - 2.5 GHz	2.5 - 4 GHz
1 - 5	± 0.5	± 0.5	± 0.5
6 - 9	± 0.5	± 0.5	± 1.0
10 - 15	± 0.75	± 1.0	± 1.5
16 - 20	± 1.0	± 2.0	± 3.0

Mechanical Specifications

Connector:

Brass, Nickel plated.

Housing:

Aluminum, Nickel plated per QQ-N-290.

Insulator:

PTFE, Virgin grade.

Environmental Specifications

Temperature Range:

-33° to +55° C (Operating with adequate heat sink)

Relative Humidity:

0 to 95% (Non-condensing)

Electrical Specifications

Input Power :

20 W. (CW,Max.)

Impedance:

50 Ω

Frequency Range:

DC - 1.0 GHz

1.0 - 2.5 GHz

2.5 - 4.0 GHz

VSWR (Max.):

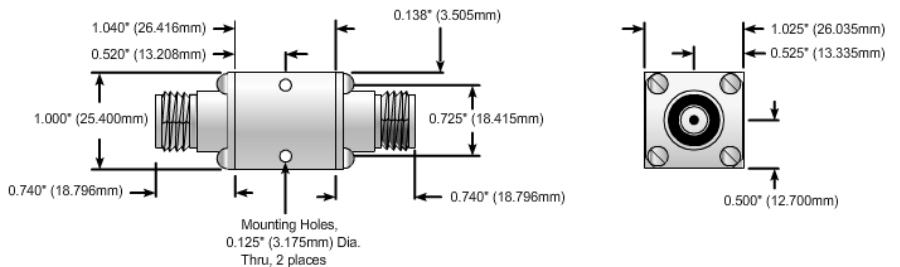
1.15:1

1.35:1

1.50:1

Note: The power ratings are based on a maximum base temperature of 85° C, and derated linearly to zero at 150° C. The use of thermal mounting compound is recommended.

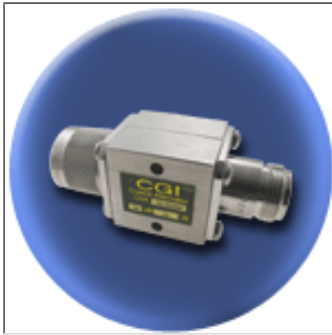
Part Dimensions



Component General, Inc.

P/N:CHA-20 NMF

Coaxial Attenuators



Attenuation Accuracy:

dB	DC - 1 GHz	1 - 2.5 GHz	2.5 - 4 GHz
1 - 5	± 0.5	± 0.5	± 0.5
6 - 9	± 0.5	± 0.5	± 1.0
10 - 15	± 0.75	± 1.0	± 1.5
16 - 20	± 1.0	± 2.0	± 3.0

Mechanical Specifications

Connector:

Brass, Nickel plated.

Housing:

Aluminum, Nickel plated per QQ-N-290.

Insulator:

PTFE, Virgin grade. .

Environmental Specifications

Temperature Range:

-33° to +55° C (Operating with adequate heat sink)

Relative Humidity:

0 to 95% (Non-condensing)

Electrical Specifications

Input Power :

20 W. (CW,Max.)

Impedance:

50 Ω

Frequency Range:

DC - 1.0 GHz

1.0 - 2.5 GHz

2.5 - 4.0 GHz

VSWR (Max.):

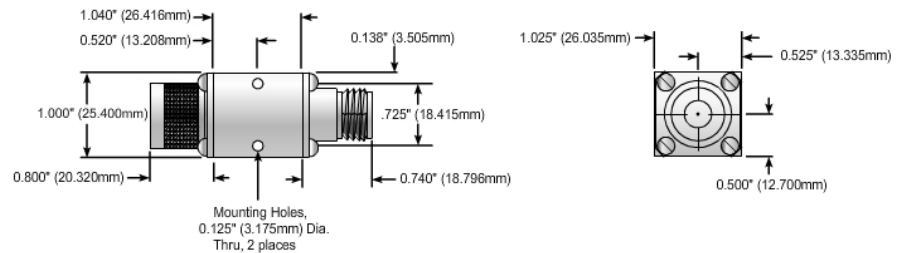
1.15:1

1.35:1

1.50:1

Note: The power ratings are based on a maximum base temperature of 85° C, and derated linearly to zero at 150° C. The use of thermal mounting compound is recommended.

Part Dimensions



Component General, Inc.

TERMS

Net 30 days, F.O.B. Factory. Component General, Inc. reserves the right to ship C.O.D. or upon receipt of payment in advance, if satisfactory credit has not been established. Late payments are subject to a monthly service charge on all past due balances.

International terms are payment by check drawn on an U.S. bank in U.S. Dollars prior to shipment. Payment by wire transfer is subject to a \$40 Wire Transfer Fee. A proforma invoice will be issued after order is received and all charges are calculated.

Prices are subject to change without prior notice. Final acceptance of orders is made only by Component General, with a \$100 order minimum.

SPECIFICATIONS

Published specifications in this catalog are provided for engineering assistance in prototype design. Accuracy of published specifications is not guaranteed. Component General, Inc. reserves the right to change specifications or discontinue products without prior notice.

SOURCE INSPECTION

Customer source inspection is available at an additional charge.

QUOTATION AND PRICES

Quotations are valid for 30 days unless otherwise specified by Component General, Inc. Prices quoted are F.O.B. seller's plant and do not include export packaging, packing, insurance, duties, federal, state or local sales or excise tax.

TITLE TO GOODS

Title to goods shall pass to the buyer upon delivery to the carrier and risk of loss or damage shall thereafter rest with the buyer.

Claims for damage or loss while material is in transit must be made against the carrier by the buyer.

All claims for shortages must be made within 30 days after date of shipment of material from seller's plant.

IMPORTANT NOTE

Certain products described in this catalog contain beryllium oxide ceramic, which if misused is potentially hazardous. Operations such as grinding, laser cutting, or certain furnace operations require special precautions. Disposal by public waste is prohibited.

GOVERNING LAW

All rights and obligations of the buyer and seller shall be governed by the laws of the state of Florida.

WARRANTY

Component General, Inc. warrants that, at the time of shipment, the products are free from defects in material and workmanship. Component General, Inc.'s obligation under this warranty is limited to the repair or replacement of such product within 90 days from the date of shipment from Component General, Inc.

This warranty does not include items that have been misused, improperly applied, altered, improperly stored or improperly installed. This Warranty is in lieu of all others, either expressed or implied. No representative is authorized to assume for Component General, Inc. any other liability in connection with the seller's products.

Component General, Inc. is in no event liable for consequential damage, installation cost or other costs of any nature as a result of the products manufactured by the seller, whether used in accordance with instructions or not.