

Component General, Inc.

■ Stripline Base Mounted Resistors

■ MECHANICAL SPECIFICATIONS



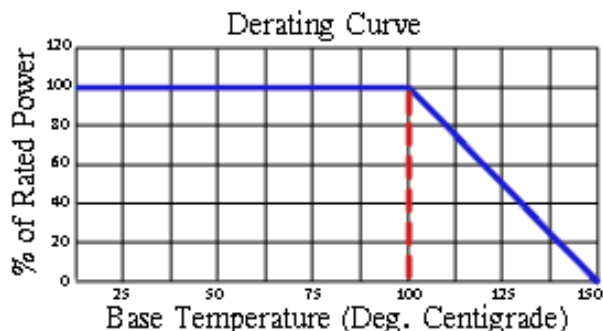
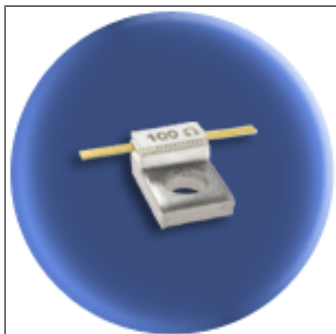
Heat Sink :	Copper, Nickel Plated per QQ-N-290.
Substrate :	Beryllium Oxide Ceramic.
Contact :	Beryllium Copper, Gold Plated per MIL-G-45204.
Thickness :	0.004" ± 0.002".
Cover :	Alumina Ceramic.
Tolerance :	± 0.010" unless specified

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" $\pm$ 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.

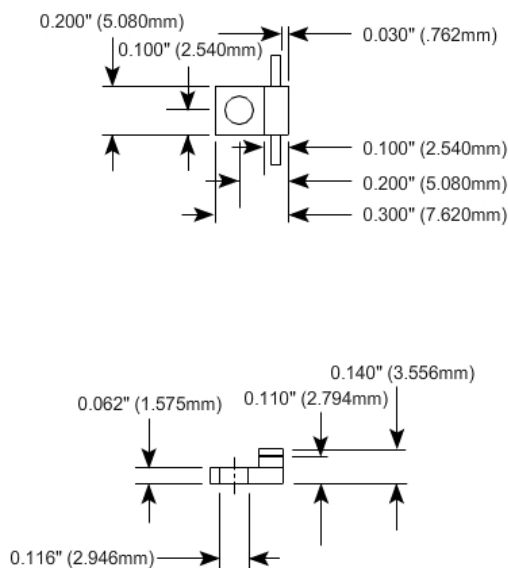
Frequency Range:

DC - 4.0 GHz

Standard Resistance Tolerance:

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

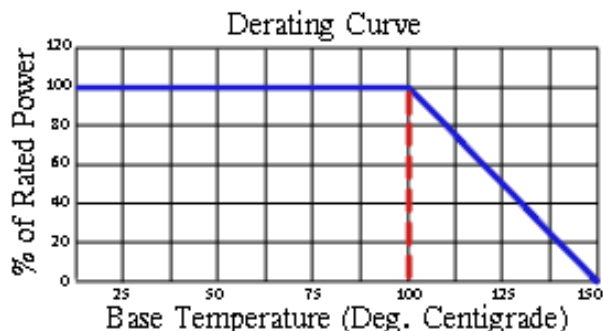
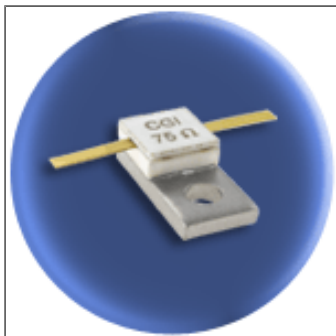
Part Dimensions



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.

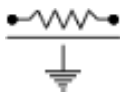
Length: 0.250" Min., Width: 0.060", Thickness 0.004" $\pm$ 0.002".

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.

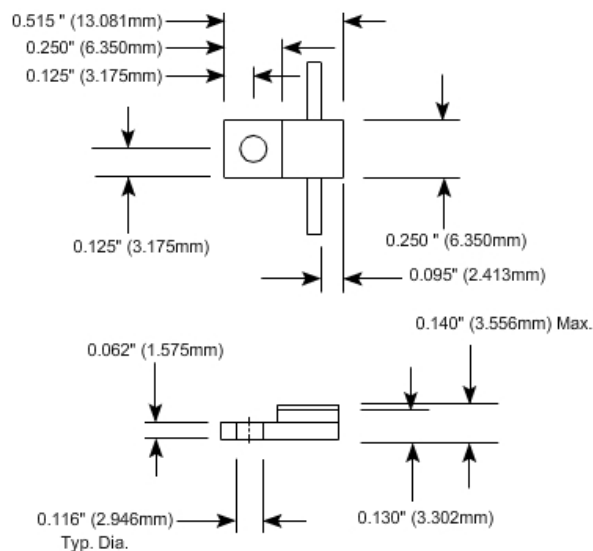
Frequency Range:

DC - 2.0 GHz

Standard Resistance Tolerance:

$\pm$ 2% Other tolerances available upon request.

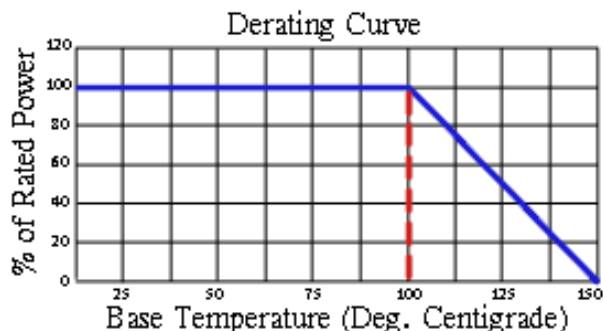
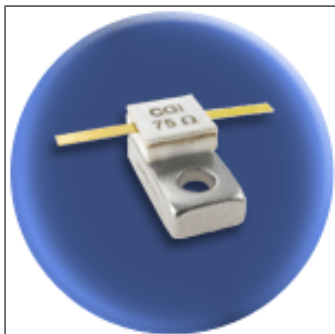
Part Dimensions



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.

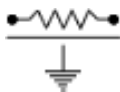
Length: 0.250" Min., Width: 0.060", Thickness 0.004" $\pm$ 0.002".

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.

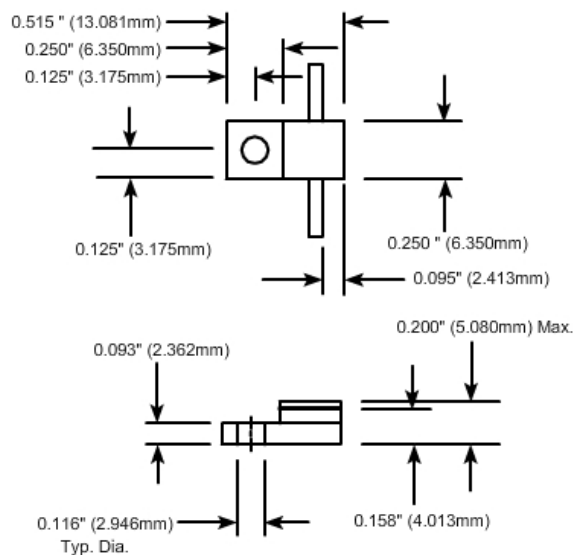
Frequency Range:

DC - 2.0 GHz

Standard Resistance Tolerance:

$\pm$ 2% Other tolerances available upon request.

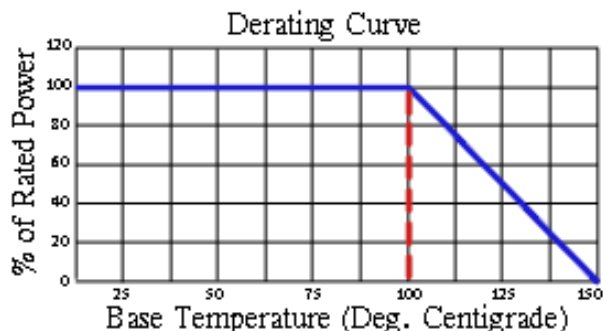
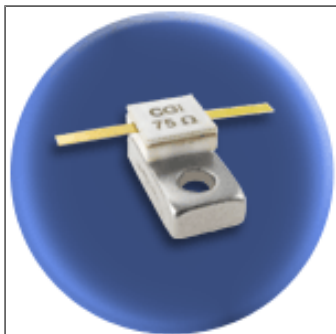
Part Dimensions



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" $\pm$ 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.

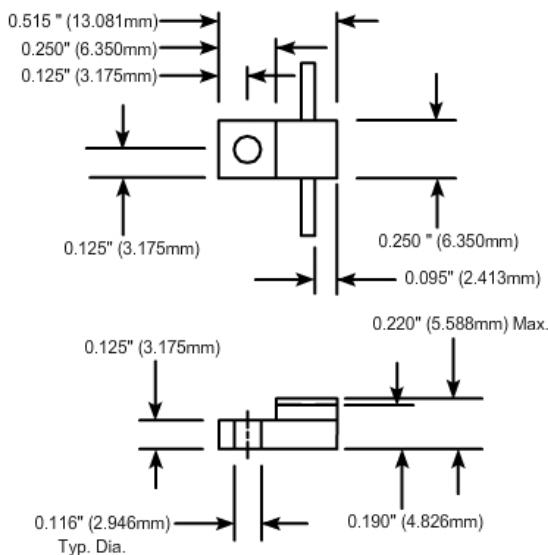
Frequency Range:

DC - 2.0 GHz

Standard Resistance Tolerance:

$\pm$ 2% Other tolerances available upon request.

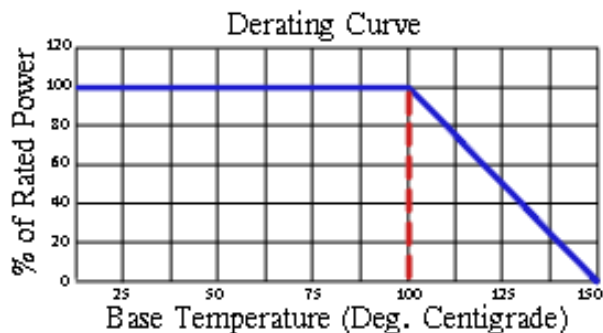
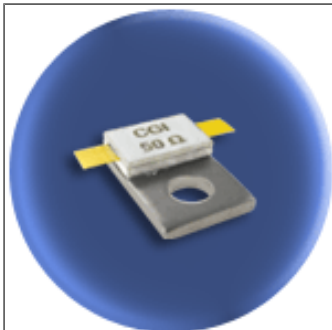
Part Dimensions



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" $\pm$ 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.

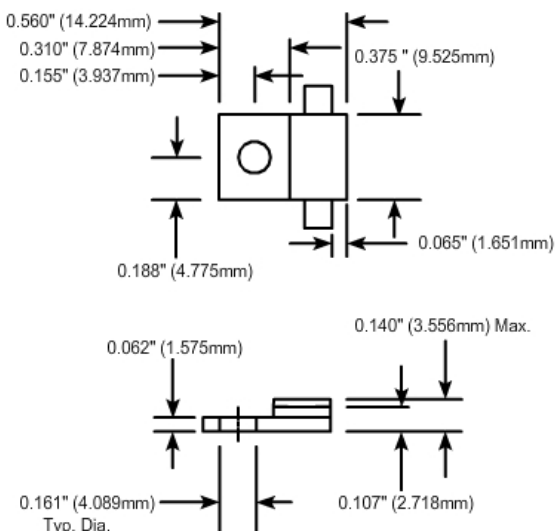
Frequency Range:

DC - 1.0 GHz

Standard Resistance Tolerance:

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

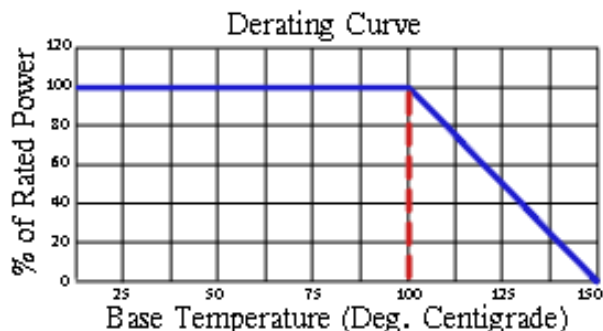
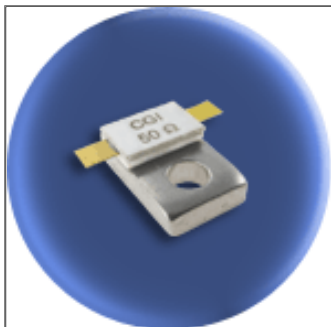
Part Dimensions



Component General, Inc.

P/N: CBR-50-2

Stripline Base Mounted Resistors



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

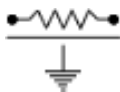
Beryllium Copper, Gold Plated per MIL-G-45204. Length: 0.125" Min., Width: 0.120", Thickness 0.004" $\pm$ 0.002".

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.

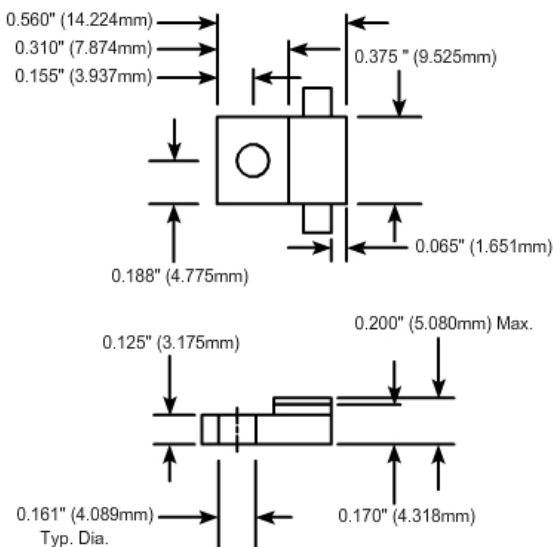
Frequency Range:

DC - 1.0 GHz

Standard Resistance Tolerance:

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

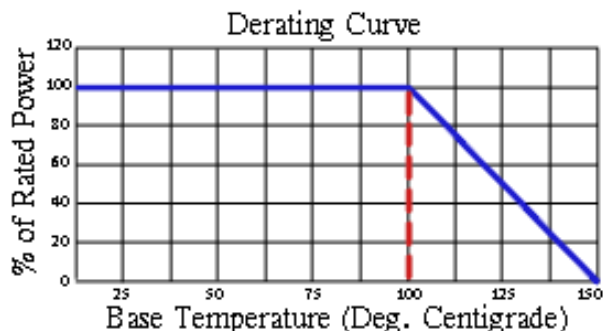
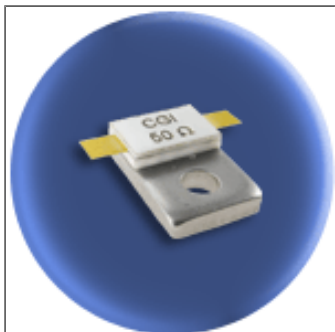
Part Dimensions



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" $\pm$ 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.

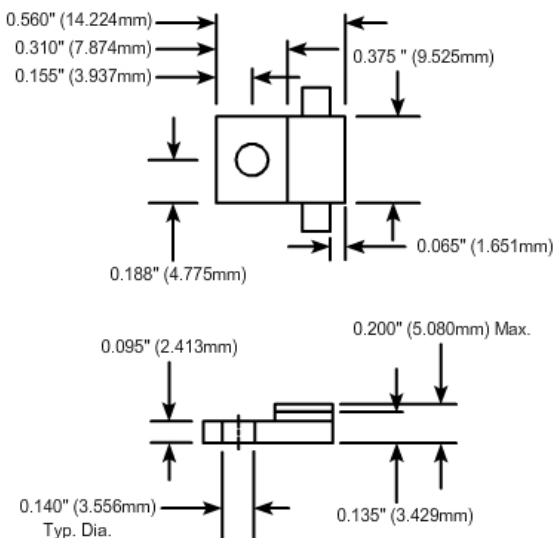
Frequency Range:

DC - 1.0 GHz

Standard Resistance Tolerance:

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

Part Dimensions



Component General, Inc.

■ 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 %

Component General, Inc.

■ Stripline Base Mounted Resistors

■ MECHANICAL SPECIFICATIONS



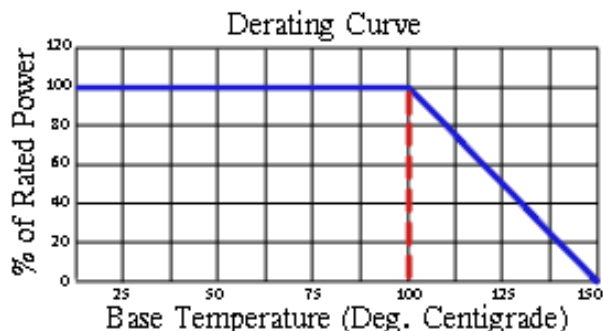
Heat Sink :	Copper, Nickel Plated per QQ-N-290.
Substrate :	Beryllium Oxide Ceramic.
Contact :	Beryllium Copper, Gold Plated per MIL-G-45204.
Thickness :	0.004" ± 0.002".
Cover :	Alumina Ceramic.
Tolerance :	± 0.010" unless specified

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-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" $\pm$ 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.

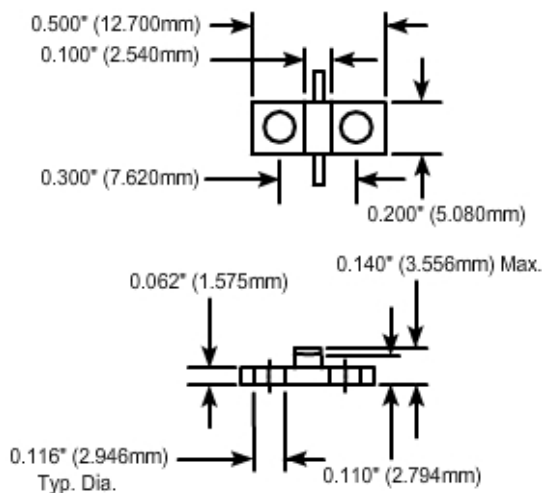
Frequency Range:

DC - 4.0 GHz

Standard Resistance Tolerance:

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

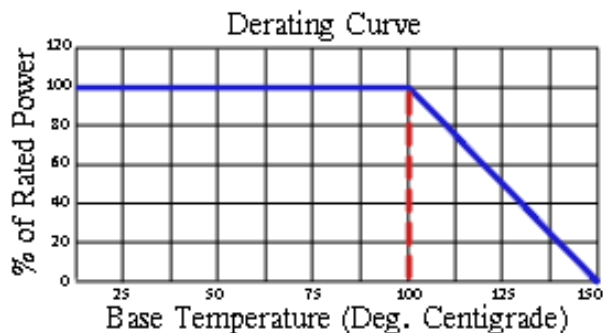
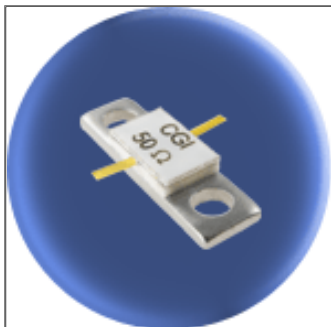
Part Dimensions



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.

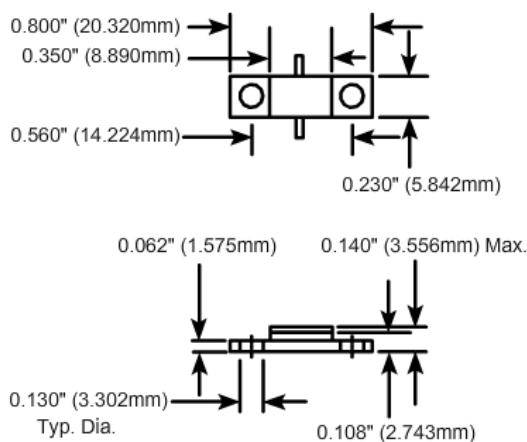
Frequency Range:

DC - 6.0 GHz

Standard Resistance Tolerance:

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

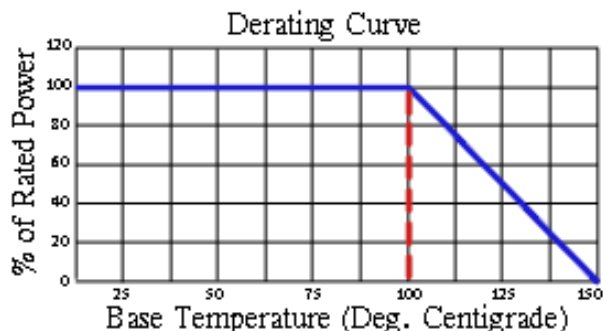
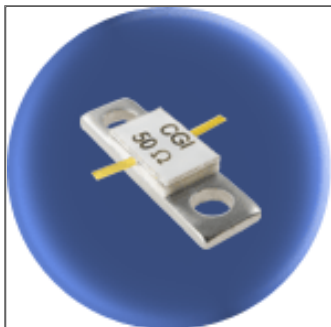
Part Dimensions



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" $\pm$ 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.

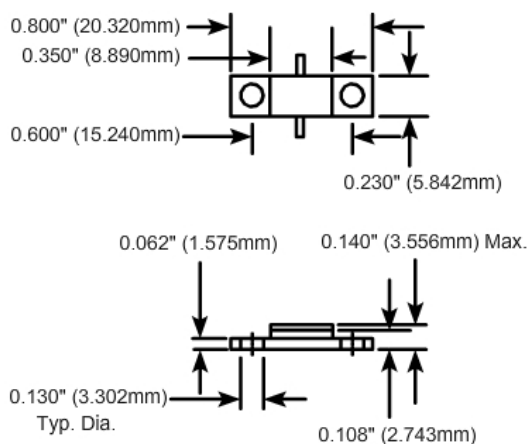
Frequency Range:

DC - 6.0 GHz

Standard Resistance Tolerance:

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

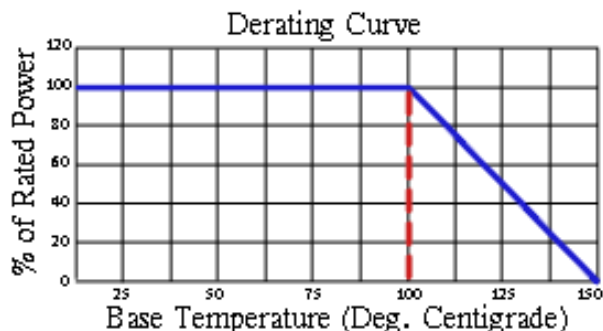
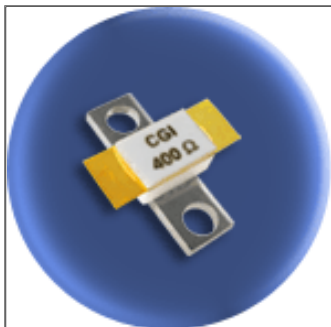
Part Dimensions



Component General, Inc.

P/N: CBR-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" $\pm$ 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.

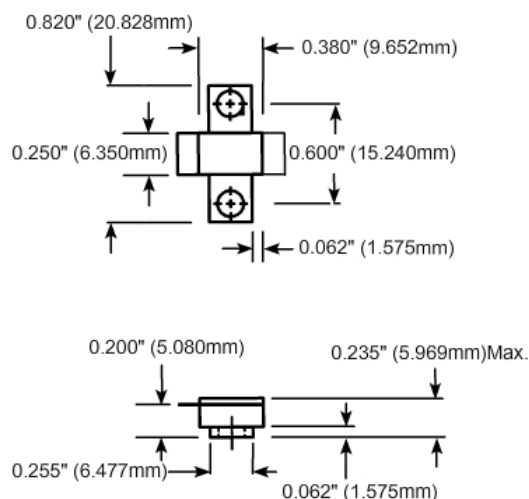
Frequency Range:

DC - 1.5 GHz

Standard Resistance Tolerance:

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

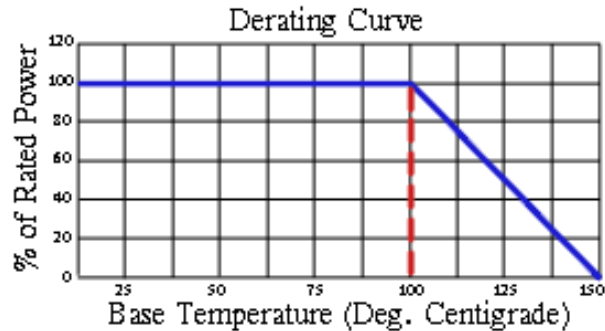
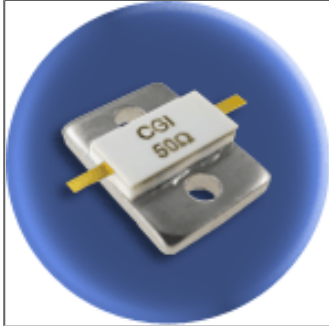
Part Dimensions



Component General, Inc.

P/N: CBR-125

Stripline Base Mounted Resistors



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

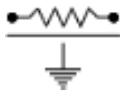
Beryllium Copper, Gold Plated per MIL-G-45204.
Length: 0.125" Min., Width: 0.060",
Thickness 0.004" $\pm$ 0.002".

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.

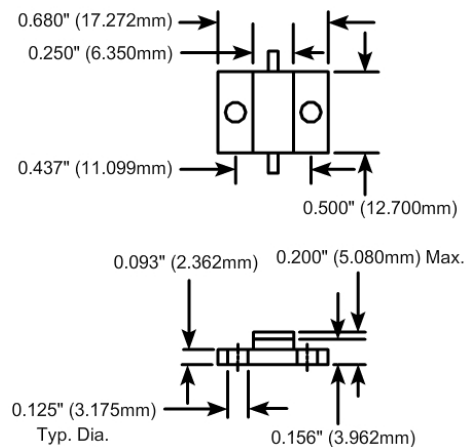
Frequency Range:

DC - 3.0 GHz

Standard Resistance Tolerance:

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

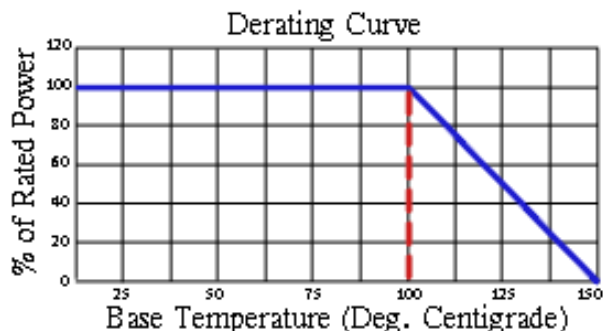
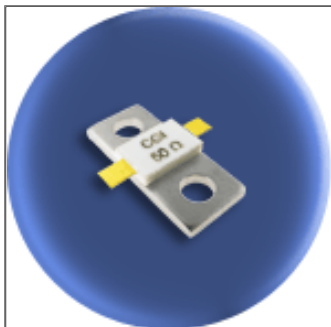
Part Dimensions



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.

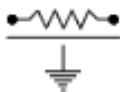
Length: 0.125" Min., Width: 0.120", Thickness 0.004" $\pm$ 0.002".

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.

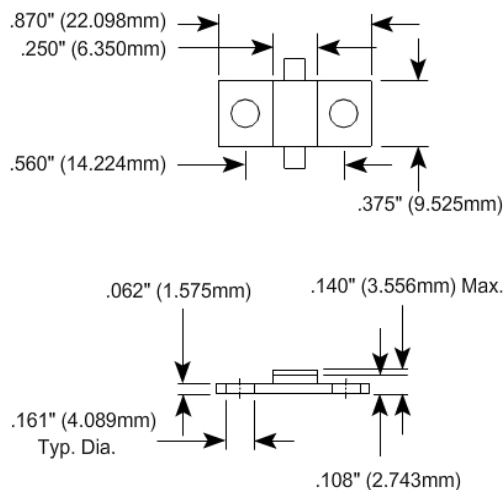
Frequency Range:

DC - 1.0 GHz

Standard Resistance Tolerance:

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

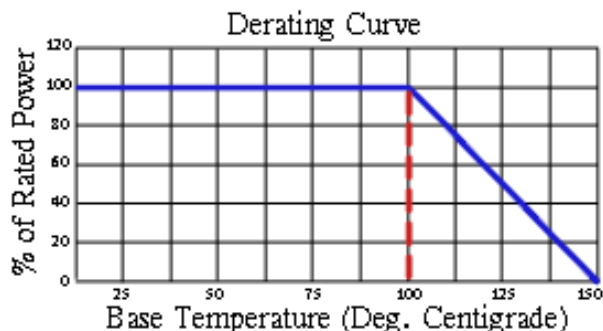
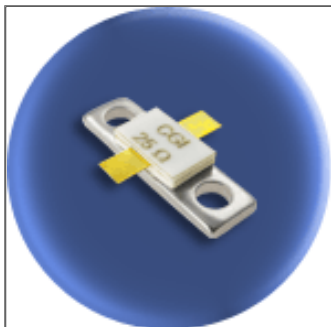
Part Dimensions



Component General, Inc.

P/N: CBR-150-1

Stripline Base Mounted Resistors



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

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

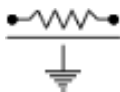
Length: 0.125" Min., Width: 0.120", Thickness 0.004" $\pm$ 0.002".

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.

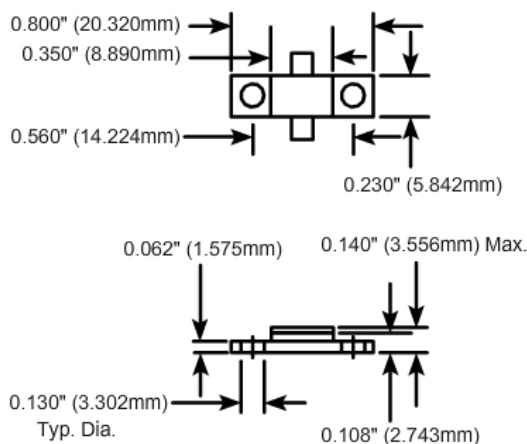
Frequency Range:

DC - 2.0 GHz

Standard Resistance Tolerance:

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

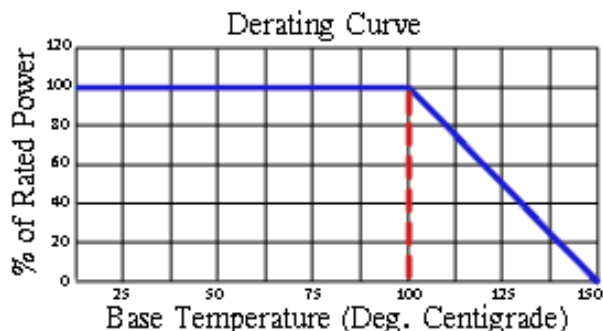
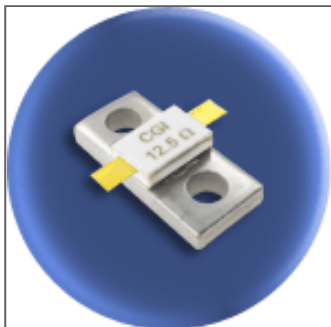
Part Dimensions



Component General, Inc.

P/N: CBR-150-2

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.

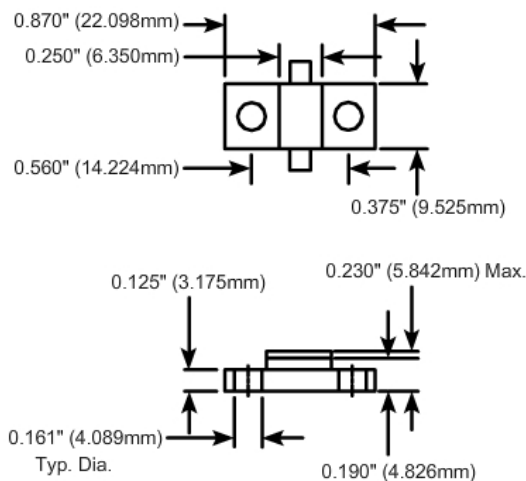
Frequency Range:

DC - 1.0 GHz

Standard Resistance Tolerance:

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

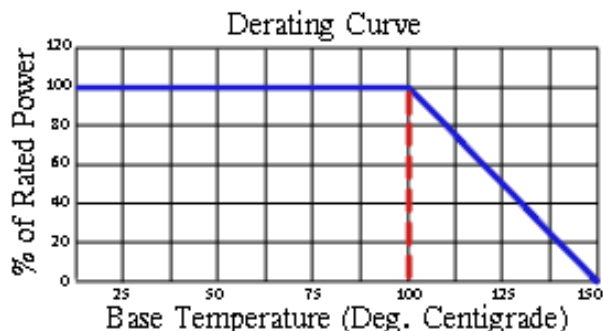
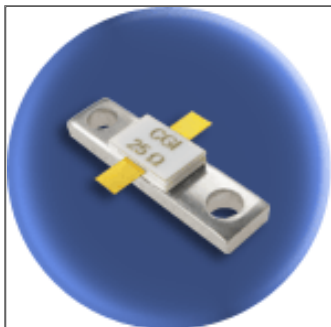
Part Dimensions



Component General, Inc.

P/N: CBR-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" $\pm$ 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.

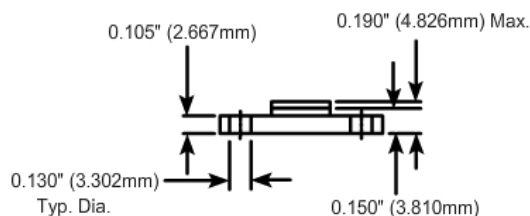
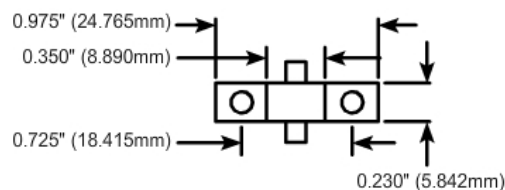
Frequency Range:

DC - 2.0 GHz

Standard Resistance Tolerance:

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

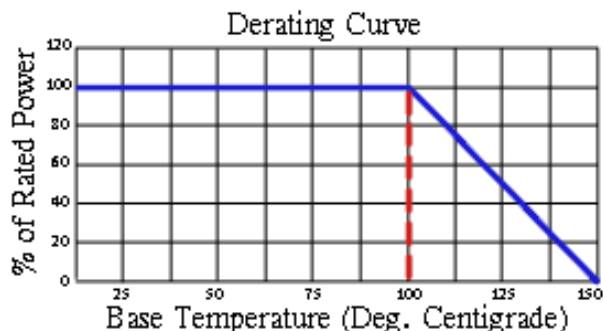
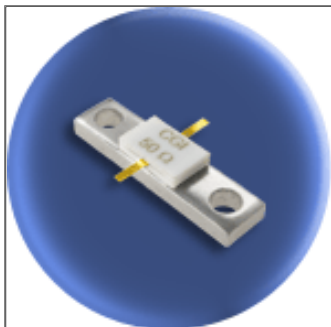
Part Dimensions



Component General, Inc.

P/N: CBR-150-4

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.

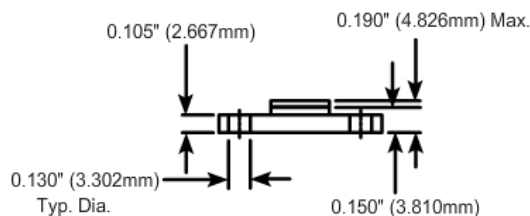
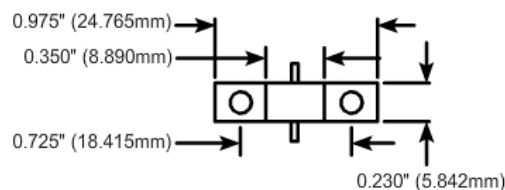
Frequency Range:

DC - 2.0 GHz

Standard Resistance Tolerance:

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

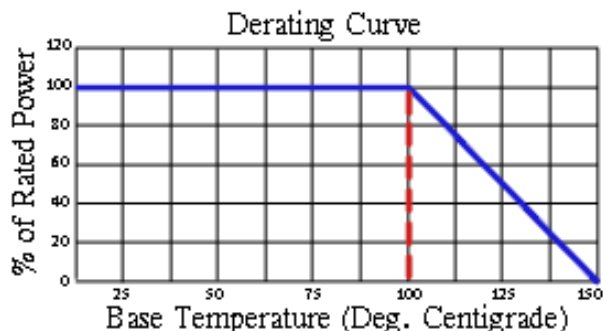
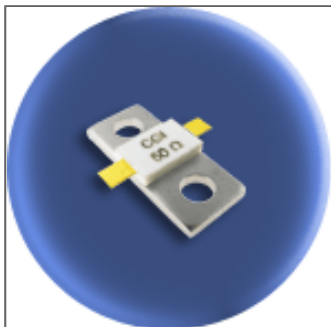
Part Dimensions



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.

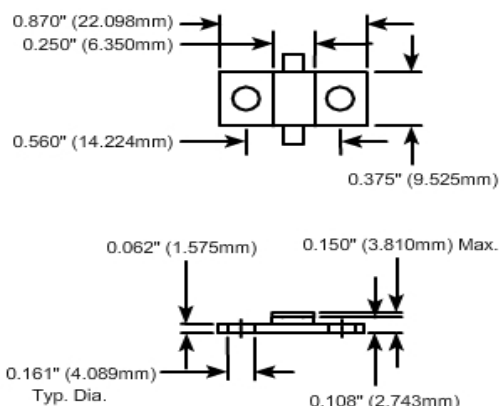
Frequency Range:

DC - 2.0 GHz

Standard Resistance Tolerance:

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

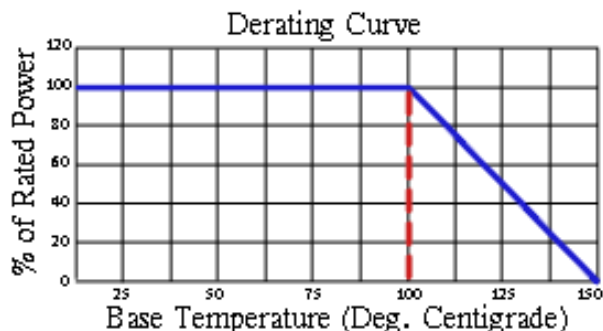
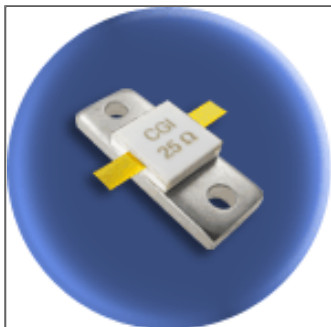
Part Dimensions



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.

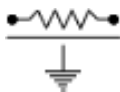
Length: 0.125" Min., Width: 0.120",
Thickness 0.004" $\pm$ 0.002".

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.

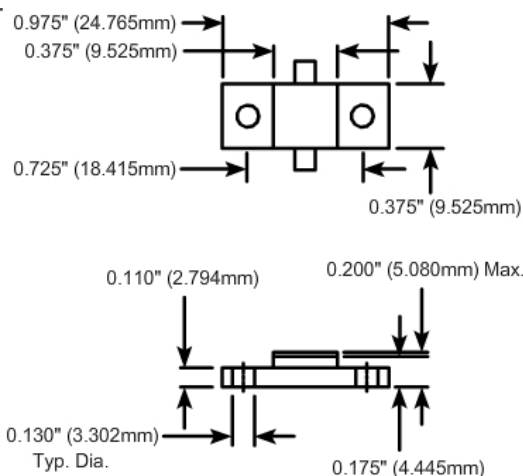
Frequency Range:

DC - 1.0 GHz

Standard Resistance Tolerance:

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

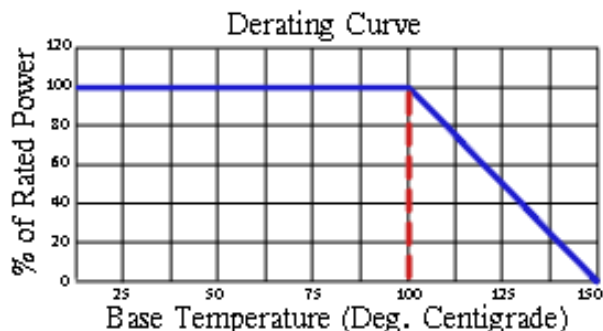
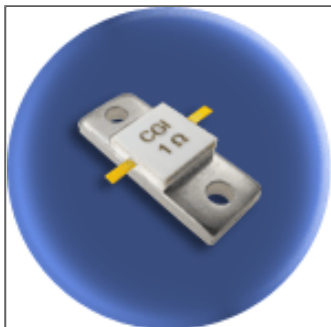
Part Dimensions



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.

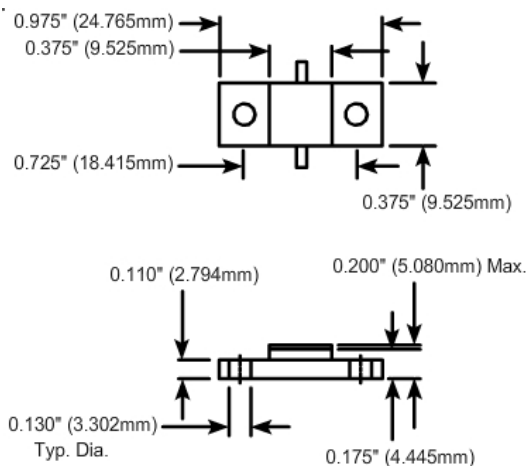
Frequency Range:

DC - 1.0 GHz

Standard Resistance Tolerance:

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

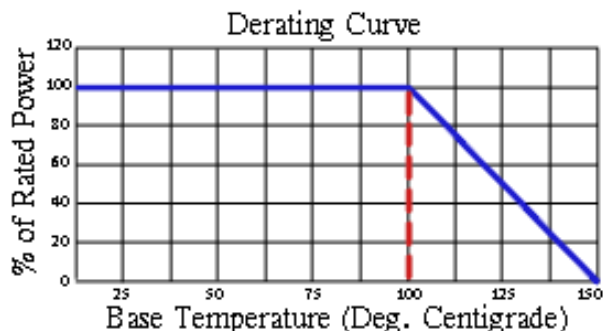
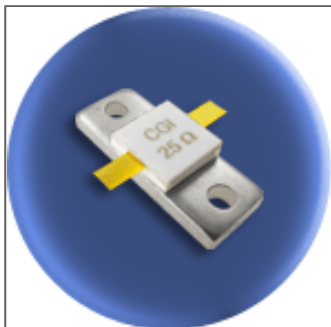
Part Dimensions



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.

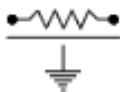
Length: 0.125" Min., Width: 0.120", Thickness 0.004" $\pm$ 0.002".

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.

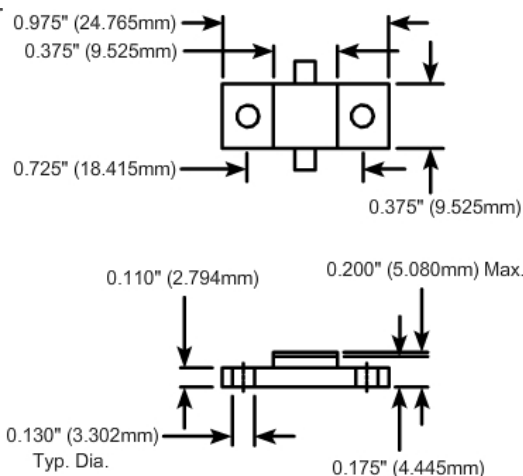
Frequency Range:

DC - 1.0 GHz

Standard Resistance Tolerance:

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

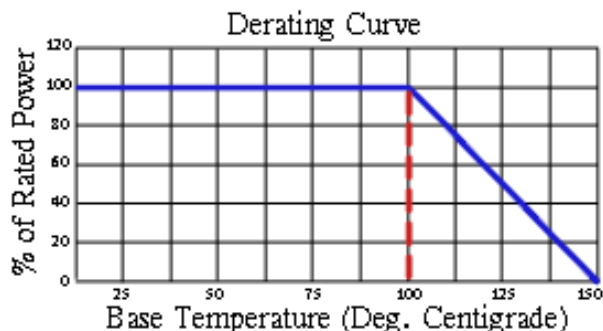
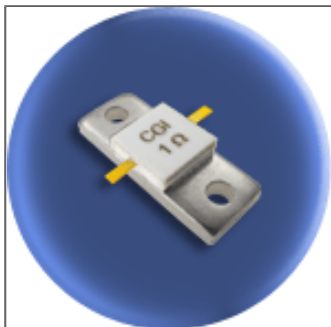
Part Dimensions



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.

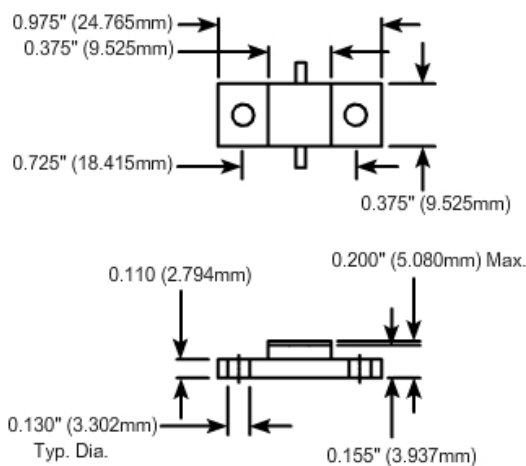
Frequency Range:

DC - 2.4 GHz

Standard Resistance Tolerance:

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

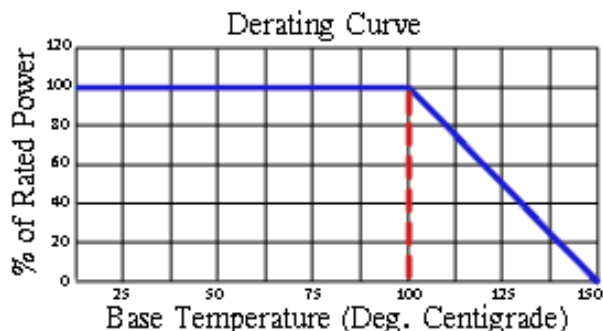
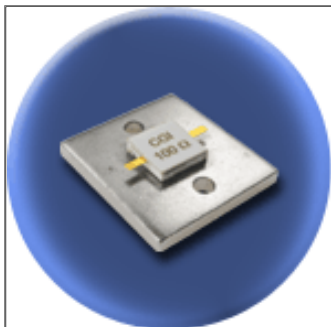
Part Dimensions



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" $\pm$ 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.

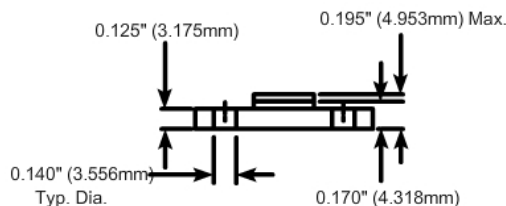
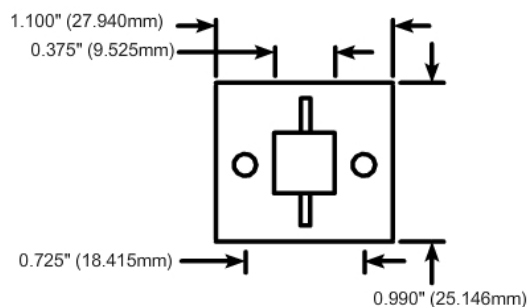
Frequency Range:

DC - 2.4 GHz

Standard Resistance Tolerance:

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

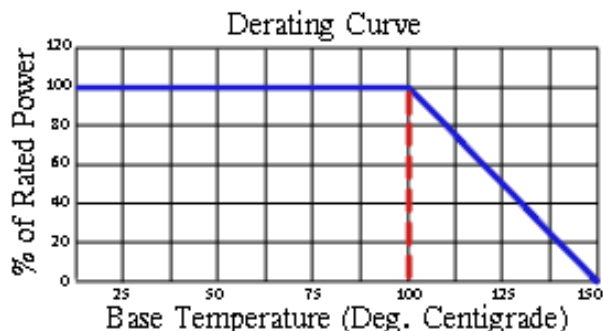
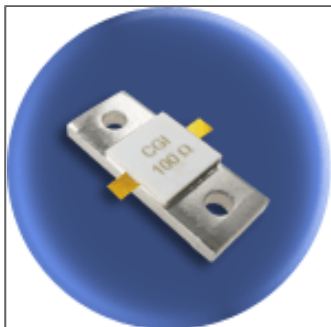
Part Dimensions



Component General, Inc.

P/N: CBR-370

Stripline Base Mounted Resistors



Mechanical Specifications

Covers:

Alumina Ceramic.

Substrate:

Beryllium Oxide Ceramic.

Contact:

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

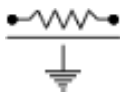
Length: 0.125" Min., Width: 0.120", Thickness 0.004" $\pm$ 0.002".

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.

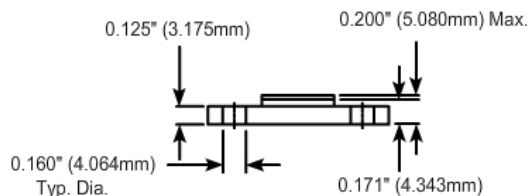
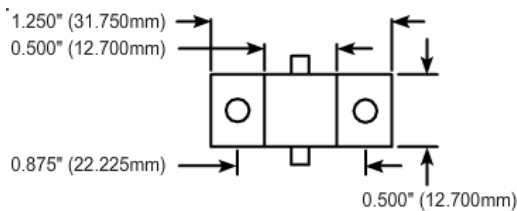
Frequency Range:

DC - 0.75 GHz

Standard Resistance Tolerance:

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

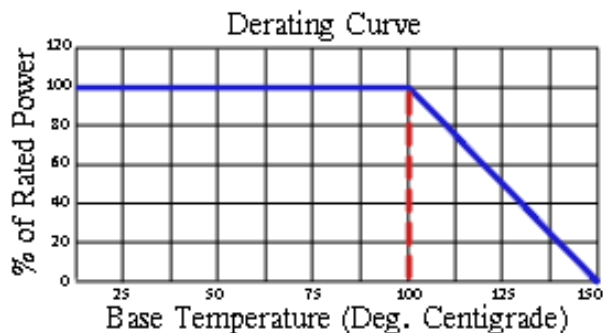
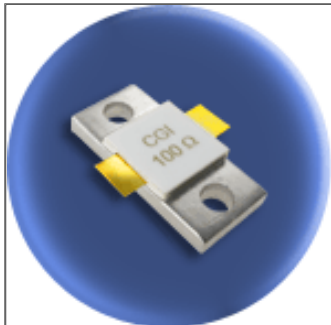
Part Dimensions



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.

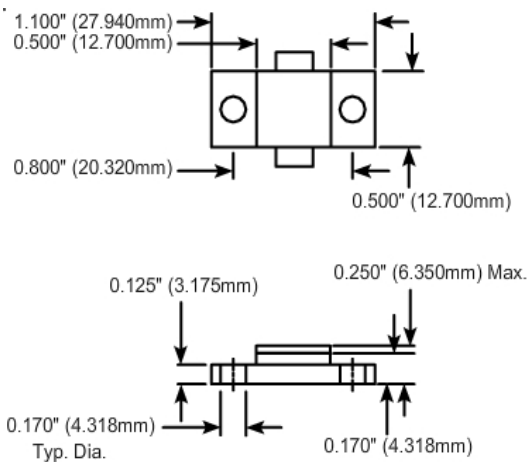
Frequency Range:

DC - 0.75 GHz

Standard Resistance Tolerance:

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

Part Dimensions



Component General, Inc.

■ Stripline Base Mounted Resistors

■ MECHANICAL SPECIFICATIONS



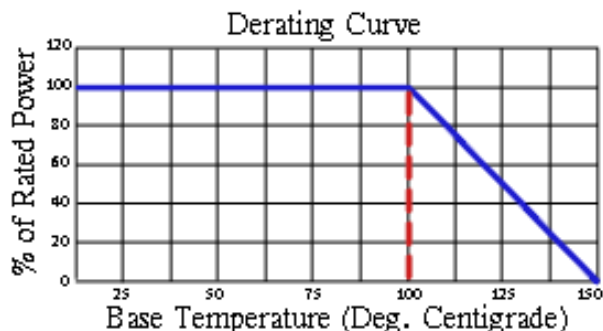
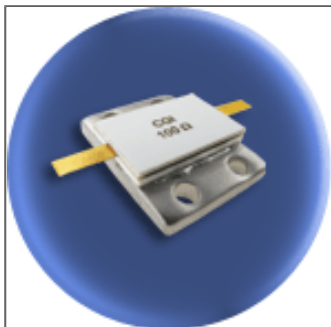
Heat Sink :	Copper, Nickel Plated per QQ-N-290.
Substrate :	Beryllium Oxide Ceramic.
Contact :	Beryllium Copper, Gold Plated per MIL-G-45204.
Thickness :	0.004" ± 0.002".
Cover :	Alumina Ceramic.
Tolerance :	± 0.010" unless specified

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.

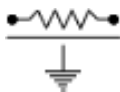
Length: 0.300" Min., Width: 0.120", Thickness 0.004" $\pm$ 0.002".

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.

Standard Resistance Tolerance:

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

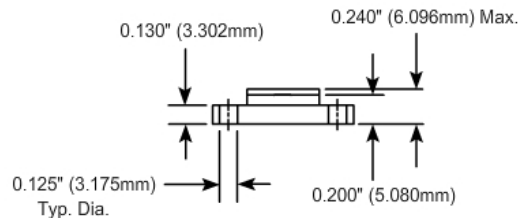
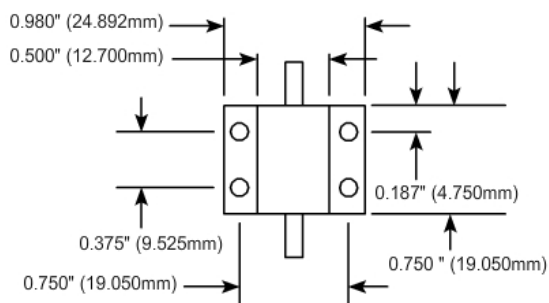
Frequency Range:

DC - .1 GHz

.1 - .5 GHz

.5 - 1.0 GHz

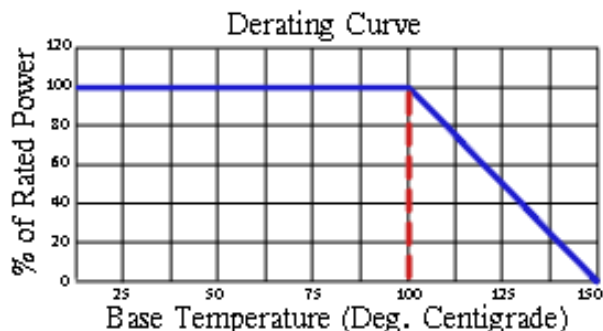
Part Dimensions



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" $\pm$ 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.

Standard Resistance Tolerance:

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

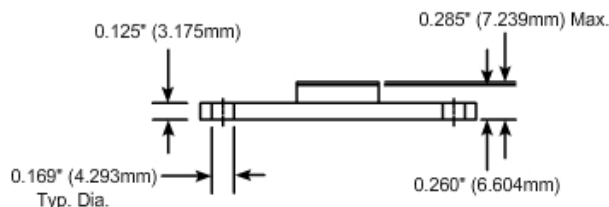
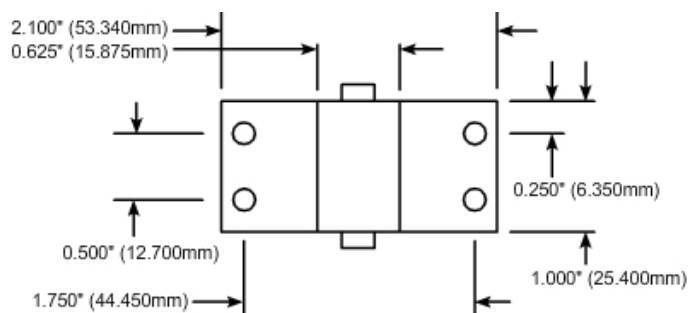
Frequency Range:

DC - .5 GHz

.5 - .65 GHz

.65 - .89 GHz

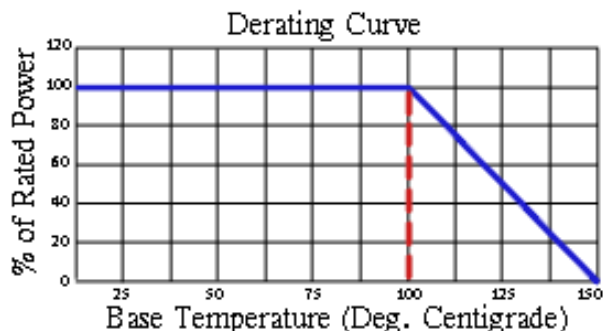
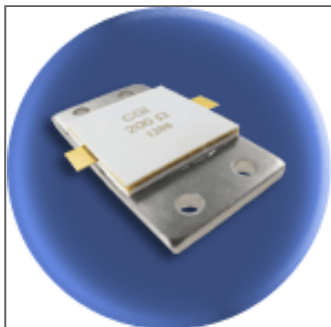
Part Dimensions



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" $\pm$ 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 GHz

.2 - .5 GHz

Standard Resistance Tolerance:

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

Part Dimensions

