

Attenuator Chip, Cryo Low Temp

**DC - 18 GHz
CCAAW**

Models:

Specifications

Electrical:

Frequency Range	DC - 18 GHz
Normal Impedance	50 Ohms
Standard dB Values	0 thru 20 dB
Attenuation Accuracy (dB)	

dB Value	DC-4 GHz	4-8 GHz	8-12.4 GHz	12.4-18 GHz
0	+0.5/-0	+0.5/-0	+0.5/-0	+0.5/-0
1-3	±0.5	±0.5	±0.5	±0.5
4-6	±0.5	±0.5	±0.5	±0.75
7-10	±0.5	±0.5	±0.75	±1.00
11-15	±0.75	+0.5/-3	+0.5/-4	
16-20	±1.00	+0.5/-4		

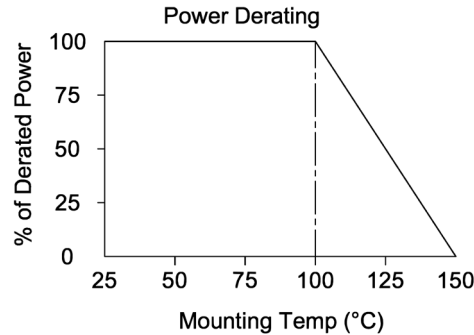
VSWR

DC - 4 GHz	1.25:1 Max.
4 - 8 GHz	1.35:1 Max.
8 - 18 GHz	1.50:1 Max.

Rated Power (Mounted Circuit side up or down)

dB Value	Watts	dB Value	Watts	dB Value	Watts
0	4.0	3	2.0	12	0.75
1	4.0	6	1.0	15	0.75
2	2.0	10	1.0	20	0.75

Operating Temp. Range 4°mK to +150°C



Mechanical

Substrate Alumina
Wirebondable Terminals Gold

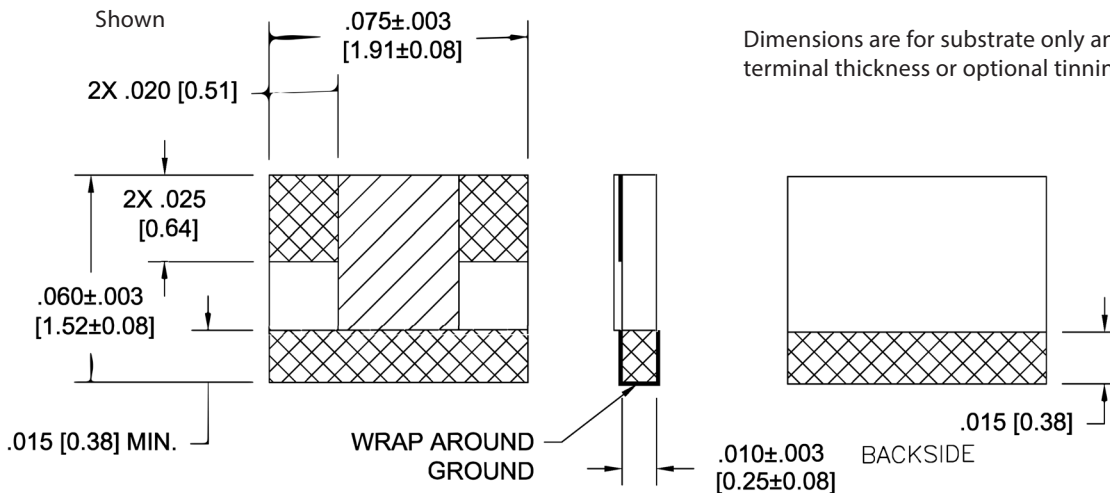
See "How to Order" for Tinning & other options

How to Order

Model Number: CCAAW - Y X

Terminal Options _____ dB Value
 = Silver over Nickel
 T = Tin Lead Solder
 H = Lead Free Solder
 G = Gold Plated

Model Number: CCAAW-G3



Tolerance .XXX = ±.010

Dimensions are for substrate only and do not include terminal thickness or optional tinning thickness.

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.
 Design specifications are subject to change without notice.