

ATTENUATOR CHIP

MODELS: PCAAW-X, PCAAW-TX, PCAAW-HX, PCAAW-GX

**DC - 18 GHz
PCAAW**

Specifications

Electrical:

Frequency Range DC - 18 GHz
 Nominal 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		

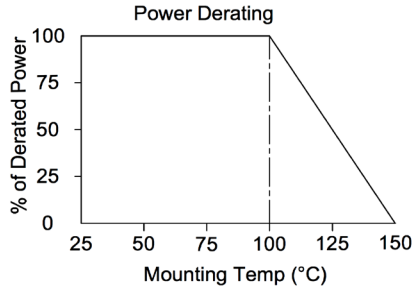
VSWR

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

Attenuation Stability 1.25:1 Max.
 Operating Temp. Range -55°C to +150°C



Mechanical

Substrate Alumina
 Solderable Terminals Electroplated Silver over Nickel

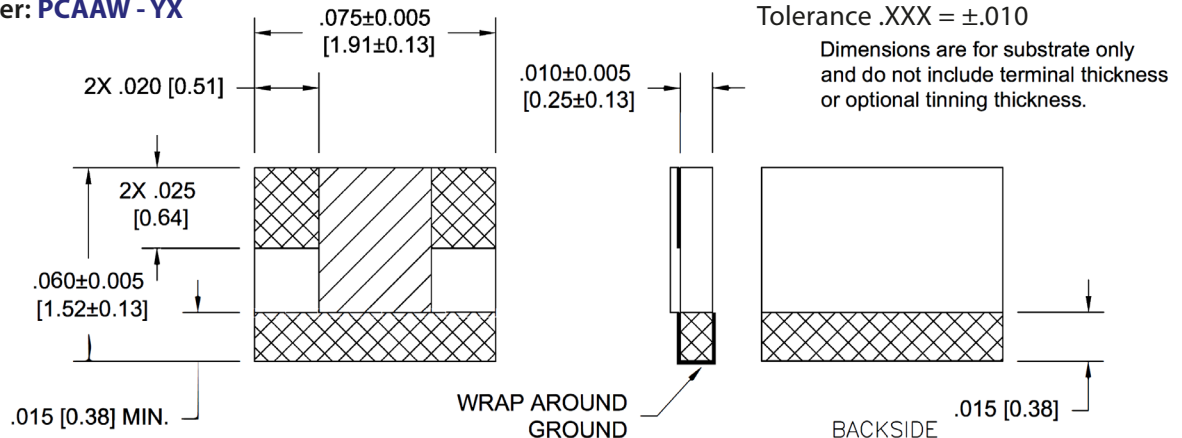
See "How to Order" for Tinning & other options

How to Order

Model Number: **PCAAW - Y X**

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

Model Number: PCAAW - YX



Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.

Design specifications are subject to change without notice.