

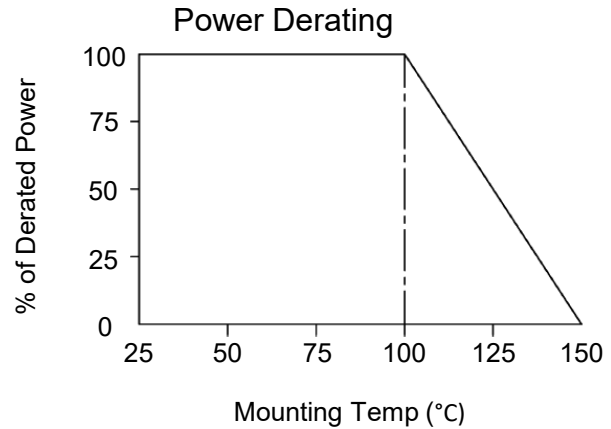
Technical Specifications

Parameter	Value
Frequency Range (GHz)	DC to 18
Nominal Impedance (Ohms)	50
Standard dB Values	0 thru 20
Attenuation Stability	0.0001 dB/dB/°C
Operating Temp. Range	-55°C to +150°C
VSWR	DC – 4 GHz 1.25:1 max. 4 – 8 GHz 1.35:1 max. 8 – 18 GHz 1.50:1 max.
Substrate	Alumina
*Solderable Terminals	Electroplated Silver over Nickel

*See "How to Order" for tinning and other option

Model: PCAA

PCAA-X, PCAA-TX, PCAA-HX, PCAA-GX



Attenuation Accuracy

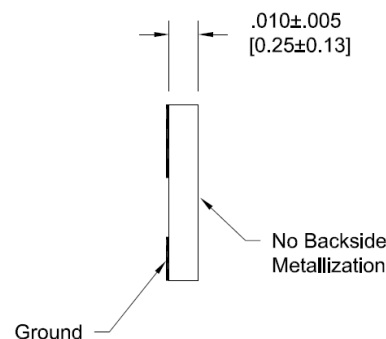
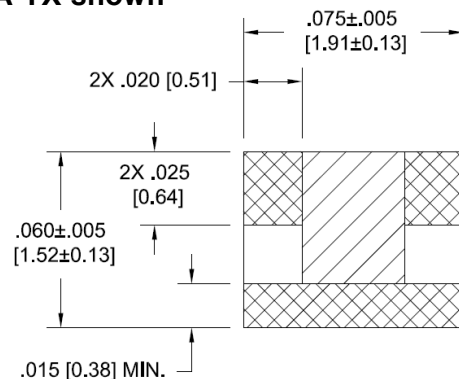
dB Value	DC-4 GHz	4-8 GHz	8-12.4 GHz	12.4-18 GHz
0	+0.5/-0	+0.5/-0	+0.5/-0	+0.5/-0
1-3	±0.5	±0.5	±0.5	±0.5
4-6	±0.5	±0.5	±0.5	±0.75
7-10	±0.5	±0.5	±0.75	±1.00
11-15	±0.75	±0.5/-3	±0.5/-4	-
16-20	±1.00	±0.5/-4	-	-

Rated Power

dB Value	Circuit Up (W)	Circuit Down (W)	dB Value	Circuit Up (W)	Circuit Down (W)
0	0.5	5.0	10	0.2	1.0
1	0.5	5.0	12	0.15	0.75
2	0.3	2.0	15	0.15	0.75
3	0.3	2.0	20	0.15	0.75
6	0.2	1.0			

Model Number: PCAA-YX shown

Tolerance: .XXX = ±.010



How To Order

PCAA-YX-1040

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

Packaging Options
 = Waffle Pack Std.
 -1040 = Tape & Reel

dB Value

Order Examples

Model number: PCAA-6
 6 dB, Silver over Nickel, Waffle Pack
 Model number: PCAA-T3-1040
 3 dB, Tinned, Tape & Reel