

ATTENUATOR CHIP

**DC - 12.4 GHz
PCAW**

api 
technologies corp.
> INMET

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

SPECIFICATIONS:

Electrical:

Frequency Range _____ DC - 12.4 GHz
Nominal Impedance _____ 50 Ohms
Standard dB Values _____ 0-20 dB
Attenuation Accuracy (dB)

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

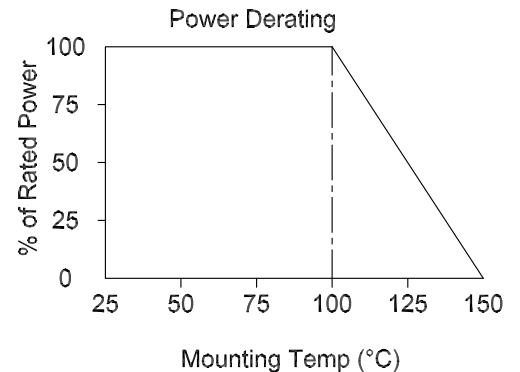
VSWR

DC - 4 GHz _____ 1.25:1 Max.
4 - 8 GHz _____ 1.35:1 Max.
8 - 12.4 GHz _____ 1.50:1 Max.
Rated Power (20dB Value) _____ 1.5 W Avg.
dB Value Specific

Attenuation Stability _____ 0.0001 dB/dB/°C
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:

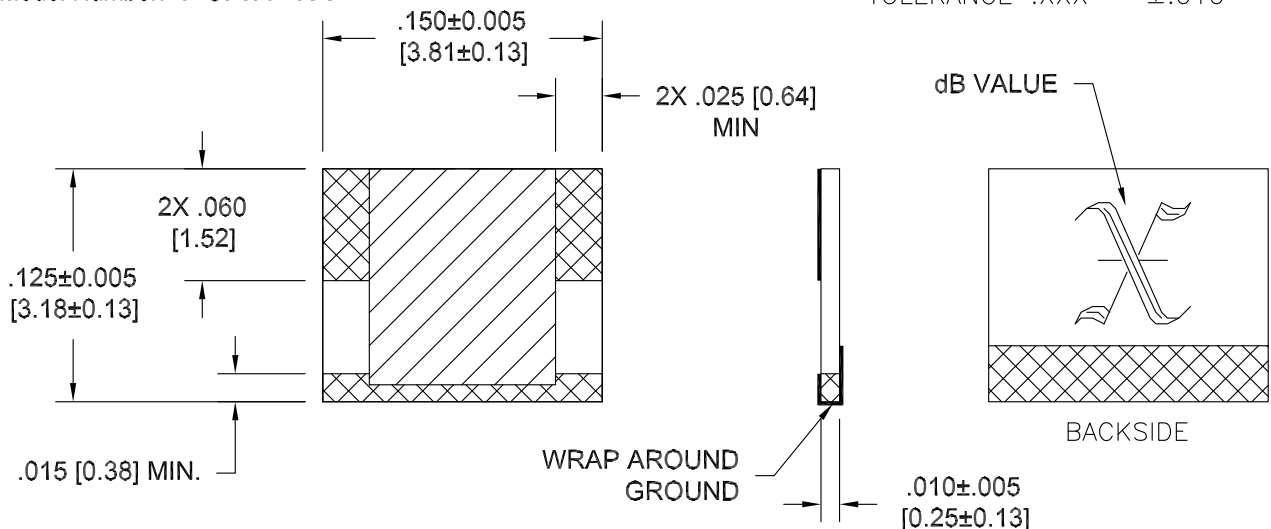
Model Number: **PCAW-YX**

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

dB Value

Model Number: **PCAW-YX**

TOLERANCE .XXX = ±.010



Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.
Design specifications are subject to change without notice.
Contact factory for technical specifications before purchasing or use.