

ATTENUATOR CHIP

**DC - 8 GHz
PAAAF**

api 
technologies corp.
INMET

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

SPECIFICATIONS:

Electrical:

Frequency Range _____ DC - 8 GHz
Nominal Impedance _____ 50 Ohms
Standard dB Values _____ 0 thru 20 dB
Attenuation Accuracy (dB)

dB Value	DC-4 GHz	4-8 GHz
0	+0.5/-0	+0.5/-0
1-10	±0.5	±0.5
11-15	±0.75	+0.5/-3
16-20	±1.0	+0.5/-4

VSWR

DC - 4 GHz _____ 1.25:1 Max.
4 - 8 GHz _____ 1.35:1 Max.

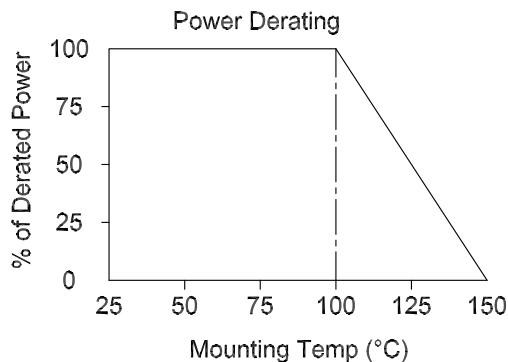
Rated Power (Mounted Circuit side up or down)

dB Value	Watts	dB Value	Watts
0	5.0	10	1.0
1	5.0	12	0.75
2	2.0	15	0.75
3	2.0	20	0.75
6	1.0		

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:

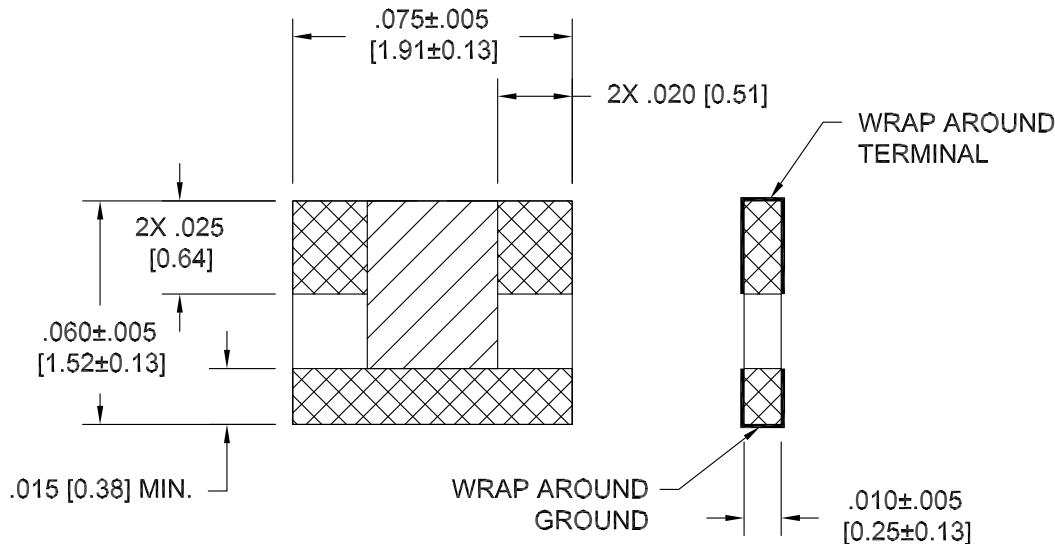
Model Number: **PAAAF-YX**

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

dB Value

Model Number: **PAAAF-YX**

TOLERANCES: XXX = ±.010



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