

ATTENUATOR TABBED, CHIP

DC - 12.4 GHz
PCAL

api
technologies corp.
> INMET

MODELS: PCAL-X, PCAL-TX, PCAL-HX,

SPECIFICATIONS:

Electrical:

Frequency Range _____ DC - 12.4 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
0	+0.5/-0	+0.5/-0	+0.5/-0
1-3	±0.5	±0.5	±0.5
4-6	±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

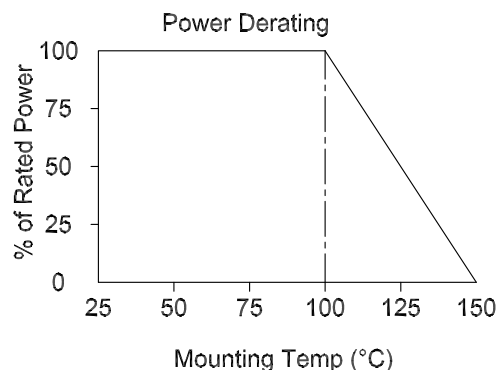
Operating Temp. Range _____ -55°C to +150°C

Mechanical:

Substrate & Cover _____ Alumina

Leads _____ Gold Plated Beryllium Copper

See "How to Order" for Tinning & other options



HOW TO ORDER:

Model Number: PCAL-YX

Terminal Options

= Gold over BeCu

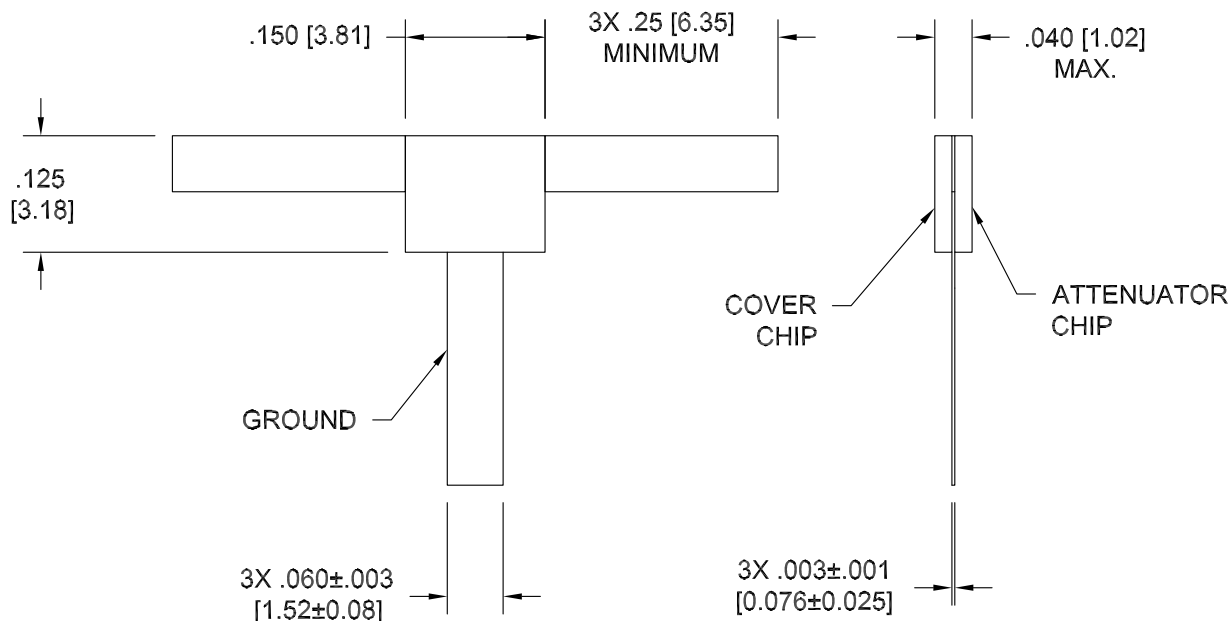
T = Tin Lead Solder

H = Lead Free Solder

dB Value

Model Number: PCAL-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.

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