ATTENUATORS

SMA Flange Mount to Pin

DC -18 GHz

2 Watts

MODELS: 2086 & 2087

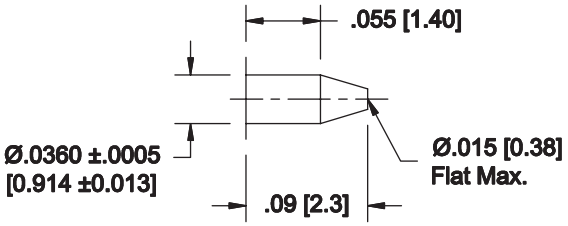
SPECIFICATIONS:

Electrical:

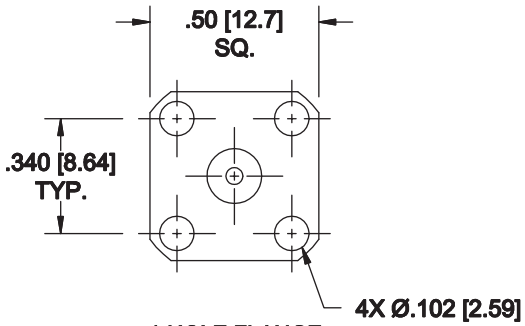
Frequency Range	DC - 18 GHz
Available dB Values	0 - 12 dB In 1 dB Increments
Attenuation Accuracy	
0 - 6 dB	±0.3 dB
7 - 12 dB	±0.5 dB
VSWR	
DC - 4 GHz	1.15:1 Max.
4 - 12.4 GHz	1.25:1 Max.
12.4 - 18 GHz	1.50:1 Max.
Input Power	2 Watts Avg. @ +25°C DERATED LINEARLY TO 0.5 WATTSS AT +125°C
Peak Power	250 Watts Max. (5uSec Pulse, .05% Duty Cycle)
Impedance	50 Ohms
Operating Temp Range	-65°C to +125°C

Mechanical:

SMA Connectors Mates with MIL-STD-348	Passivated Stainless Steel
Conductors	Gold Plated Beryllium Copper

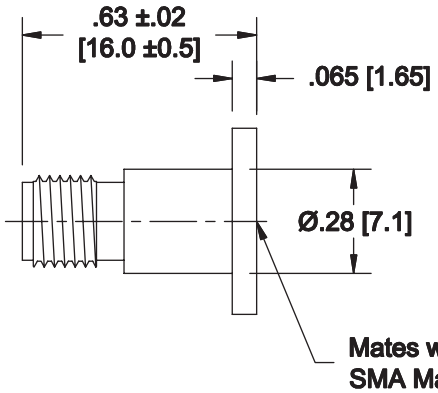


RECOMMENDED INTERFACE
PIN FOR MATING [SMA]

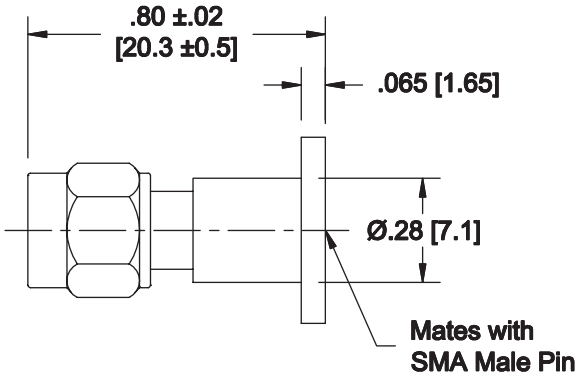


4-HOLE FLANGE
DETAIL - TYP.

Model Number: 2086
SMA Female Connector



Model Number: 2087
SMA Male Connector



HOW TO ORDER:

Model Number: 20XX-YY

- Base Number
  - 86 = SMA Female
  - 87 = SMA Male
- dB Value

Ordering Examples:

Model Number: 2086-12
12 dB; SMA Female

Model Number: 2087-6
6 dB; SMA Male

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.
Units with tighter VSWR and attenuation specifications as well as units with gold plated connectors are also available.

2087; REV C

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