

ATTENUATORS

SMA, DC - 18 GHZ, 50 Watts, Conduction Cooled

SPECIFICATIONS:

Models: 9037-XX, 9037-XXF, 9037-XXM

RoHS
Compliant

AEROFLEX
A passion for performance.

Electrical:

Frequency Range _____ DC - 18 GHz
Standard dB Values* _____ 3, 6, 10, 20, 30 & 40 dB
Attenuation Accuracy _____ DC - 12.4 GHz _____ 12.4 - 18 GHz
3 & 6 dB _____ ± 0.75 dB _____ ± 0.75 dB
10 & 20 dB _____ ± 0.75 dB _____ ± 1.0 dB
30 & 40 dB _____ ± 1.0 dB _____ ± 1.5 dB

VSWR

DC - 8 GHz _____ 1.25:1 Max.
8 - 12.4 GHz _____ 1.35:1 Max.
12.4 - 18 GHz _____ 1.45:1 Max.

Power Handling**

Input _____ 50 Watts Avg.
Output _____ 10 Watts Avg.
Peak _____ 250 Watts Max.

Impedance _____ 50 Ohms
Operating Temp Range _____ -55°C to +125°C

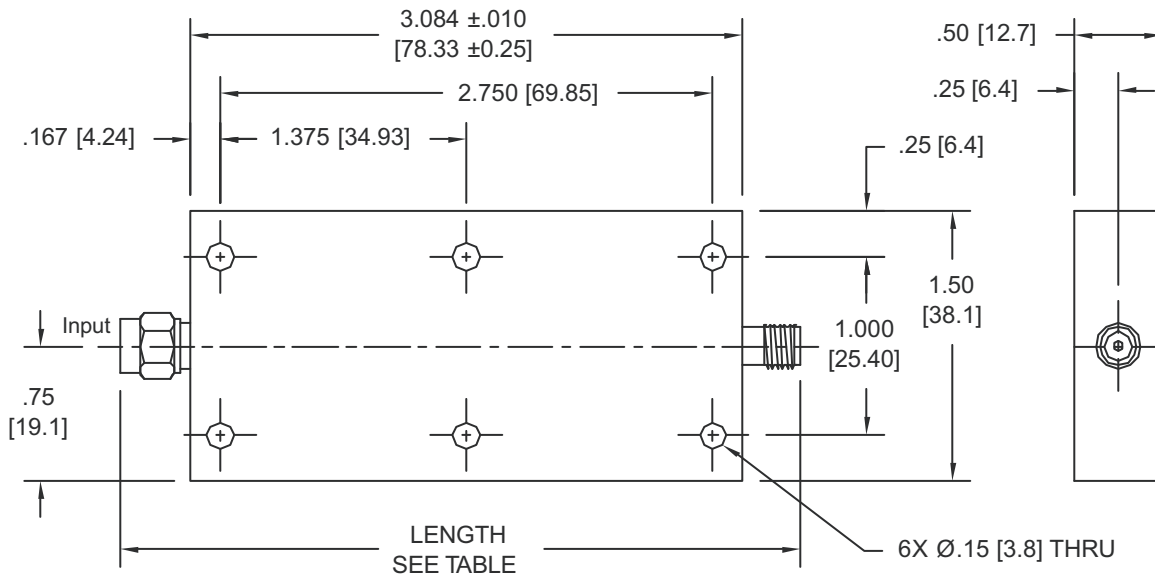
Mechanical:

SMA Connectors _____ Passivated Stainless Steel
Mates with MIL-STD-348
Conductors _____ Gold Plated Beryllium Copper
Housing _____ Aluminum with Chemical Conversion Coating

Table:

Connector Configuration	LENGTH
Male/Female	3.78 $\pm$.04 [96.0 $\pm$ 1.0]
Male/Male	3.92 $\pm$.04 [99.6 $\pm$ 1.0]
Female/Female	3.65 $\pm$.04 [92.7 $\pm$ 1.0]

** Power handling capacity is dependant upon proper heatsinking. Surface temperature of unit shall not exceed 125°C for specifications shown. Unit is a unidirectional device. Input shall be at male port unless otherwise specified.



HOW TO ORDER:

Model Number: **9037-XXY**
dB Value

Connector Configuration
= Male/Female
F = Fem/Fem
M = Male/Male

Ordering Examples:

Model Number: **9037-20**
20 dB; SMA - Male/Fem

Model Number: **9037-6F**
6 dB; SMA - Fem/Fem

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.

9037: REV K

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Aeroflex / Inmet, Inc. • 300 Dino Drive, Ann Arbor, MI 48103 • U.S.A.
888-244-6638 or 734-426-5553 • FAX: 734-426-5557
www.aeroflex.com/inmet • inmet@aeroflex.com