

# TERMINATIONS

SMA, DC - 12.4 GHz, 25 Watts

## SPECIFICATIONS:

Models: 3112-SF, 3112-SM

**RoHS**  
Compliant

**AEROFLEX**  
A passion for performance.

### Electrical:

Frequency Range \_\_\_\_\_ DC - 12.4 GHz

VSWR

DC - 1 GHz \_\_\_\_\_ 1.10:1 Max.

1 - 4 GHz \_\_\_\_\_ 1.25:1 Max.

4 - 8 GHz \_\_\_\_\_ 1.35:1 Max.

8 - 12.4 GHz \_\_\_\_\_ 1.45:1 Max.

Impedance \_\_\_\_\_ 50 Ohms

Input Power \_\_\_\_\_ 25 Watts Avg. @ +25°C

Derated Linearly to 5 Watts @ +125°C

Peak Power \_\_\_\_\_ 5 kW Max.

(5uSec Pulse, .05% Duty Cycle)

Operating Temp Range \_\_\_\_\_ -65°C to +125°C

### Mechanical:

SMA Connectors \_\_\_\_\_ Passivated Stainless Steel

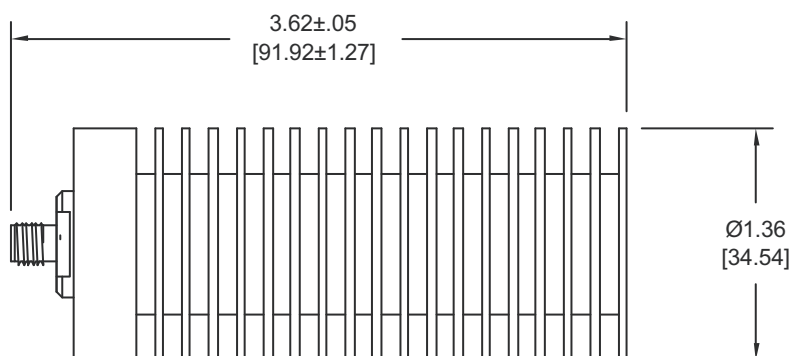
Mates with MILSTD-348

Conductors \_\_\_\_\_ Gold Plated Beryllium Copper

Housing \_\_\_\_\_ Anodized Aluminum

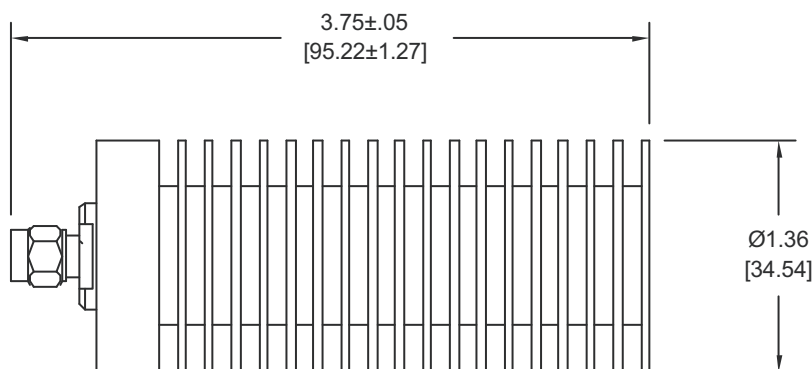
Model Number: **3112-SF**

SMA Female Connector



Model Number: **3112-SM**

SMA Male Connector



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 and/or use.

3112-S: REV -

**AEROFLEX**  
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