

# TERMINATIONS

SMA, DC - 4.0 GHz, 150 Watts

## SPECIFICATIONS:

Models: TSXXXM - 150W & TSXXXF - 150W

**RoHS**  
Compliant

**AEROFLEX**  
A passion for performance.

### Electrical:

Frequency Range \_\_\_\_\_ DC - 4.0 GHz  
Standard Freq. Values \_\_\_\_\_ 2.5 & 4 GHz

#### VSWR

DC - 1.5 GHz \_\_\_\_\_ 1.15:1 Max.  
1.5 - 2.5 GHz \_\_\_\_\_ 1.25:1 Max.  
2.5 - 4.0 GHz \_\_\_\_\_ 1.35:1 Max.

Input Power \_\_\_\_\_ 150 Watts Avg. @ +25°C  
Derated Linearly to 30 Watts @ +125°C

Peak Power \_\_\_\_\_ 1 kW Max.  
(5uSec Pulse, .05% Duty Cycle)

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

Operating Temp Range \_\_\_\_\_ -55°C to +125°C

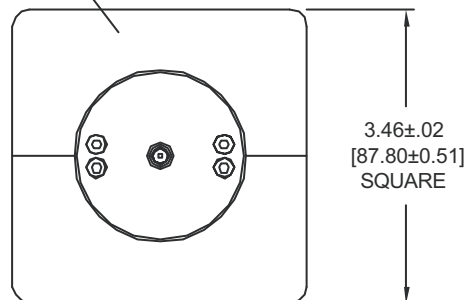
### Mechanical:

SMA Connectors \_\_\_\_\_ Passivated Stainless Steel  
Mates with MIL-STD-348

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

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

Custom Mtg. hole Config.  
may be Added to this  
Surface.



END VIEW  
TYPICAL

Model Number: **TSXXXF-150W**

SMA Female Connector

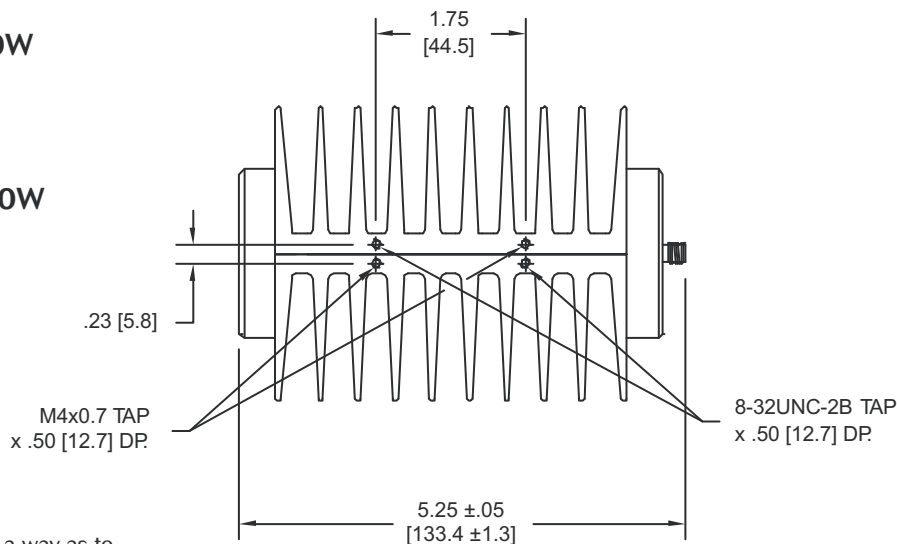
Length: 5.25 ± 0.05 [133.4 ± 1.3]

Pictured

Model Number: **TSXXXM-150W**

SMA Male Connector

Length: 5.38 ± 0.05 [136.7 ± 1.3]



Units must be Mounted in such a way as to  
Allow for Free Air Flow Around fins to Assure  
Performance

## HOW TO ORDER:

Model Number: **TSXXX-150W**

Freq. Range \_\_\_\_\_ Connector Configuration  
020 = DC - 2.5 GHz F = Female  
040 = DC - 4 GHz M = Male

## Ordering Examples:

Model Number: **TS040M-150W**  
DC - 4 GHz, SMA Male CONN.

Model Number: **TS020F-150W**  
DC - 2.5 GHz, SMA Female CONN.

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.

TSXXX-150W: REV G

**AEROFLEX**  
INMET

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