

TERMINATIONS

SMA, DC - 4.0 GHz, 150 Watts

SPECIFICATIONS:

Models: TSXXXM - 150W & TSXXXF - 150W

RoHS
Compliant

AEROFLEX
A passion for performance.

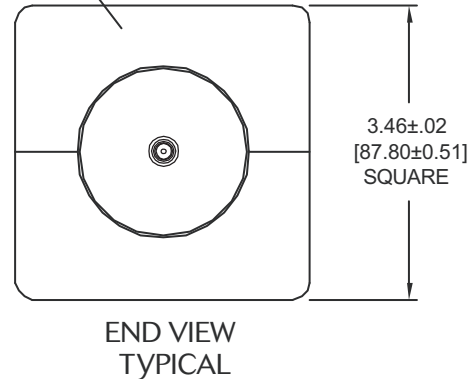
Electrical:

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:

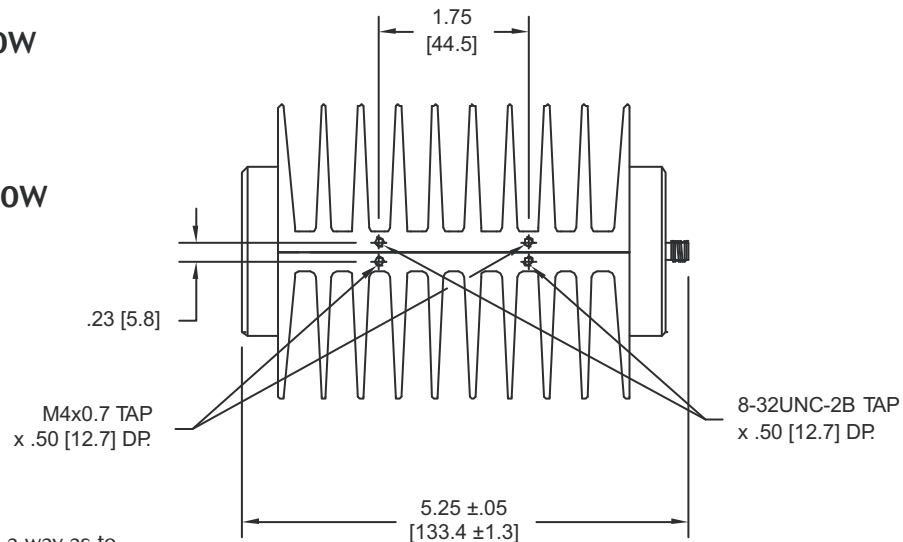
SMA Connectors _____ Passivated Stainless Steel
 Mates with MILSTD-348
 Conductors _____ Gold Plated Beryllium Copper
 Housing _____ Anodized Aluminum

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



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: **TSXXXY-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 H

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