

TERMINATIONS

SMA, up to 6.0 GHz, 100 Watts

SPECIFICATIONS:

Models: TSXXXM-100W & TSXXXF-100W

RoHS
Compliant

AEROFLEX
A passion for performance.

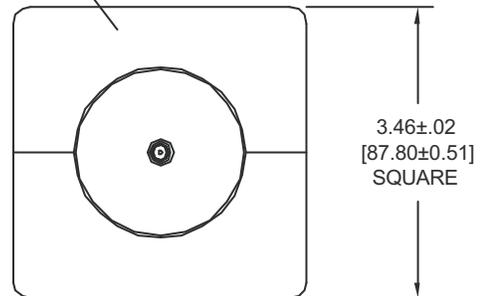
Electrical:

Frequency Range _____ DC - 6.0 GHz
 Standard Freq. Values _____ 2.5 & 6 GHz
 VSWR
 DC - 1.5 GHz _____ 1.20:1 Max.
 1.5 - 2.5 GHz _____ 1.30:1 Max.
 2.5 - 6.0 GHz _____ 1.40:1 Max.
 Input Power _____ 100 Watts Avg.
Derated Linearly to 20 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

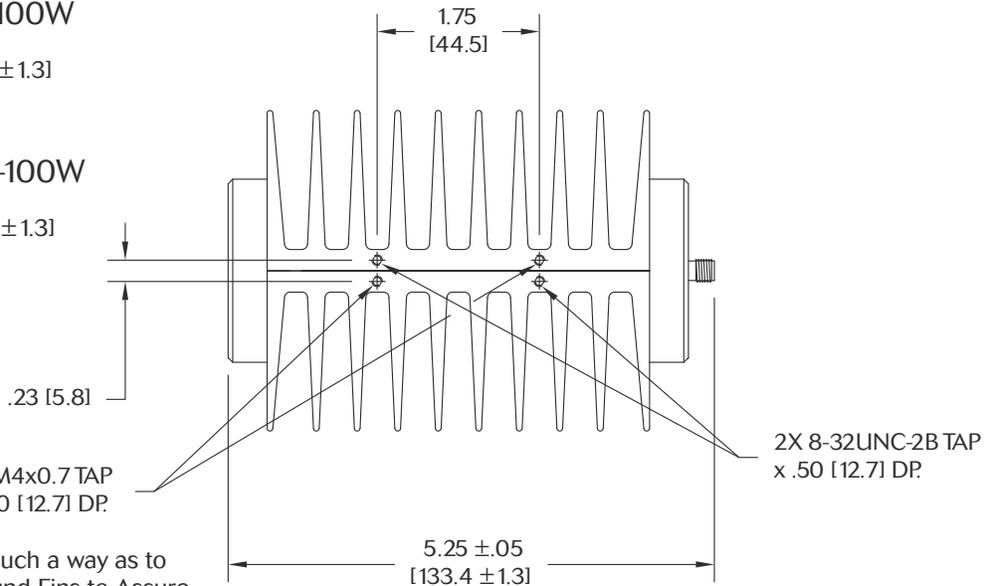
Custom Mtg. hole Config.
may be Added to this
Surface.



END VIEW
TYPICAL

Model Number: TSXXXF-100W
 SMA Female Connector
 Length: 5.25 ± 0.05 [133.4 ± 1.3]
 Pictured

Model Number: TSXXXM-100W
 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^Y-100W

Freq. Range Connector Configuration
 020 = DC - 2.5 GHz F = Female
 060 = DC - 6 GHz M = Male

Ordering Examples:

Model Number: TS020M-100W
 DC - 2.5 GHz, SMA Male CONN.

Model Number: TS060F-100W
 DC - 6 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 or use.

TSXXX^Y-100W: REV F



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