

TERMINATIONS

SMA, up to 4.0 GHz, 300 Watts

SPECIFICATIONS:

Models: TSXXXM-300W & TSXXXF-300W

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 _____ 300 Watts Avg. @ 25°C
Derated Linearly to 60 Watts @ +125°C
Peak Power _____ 2 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

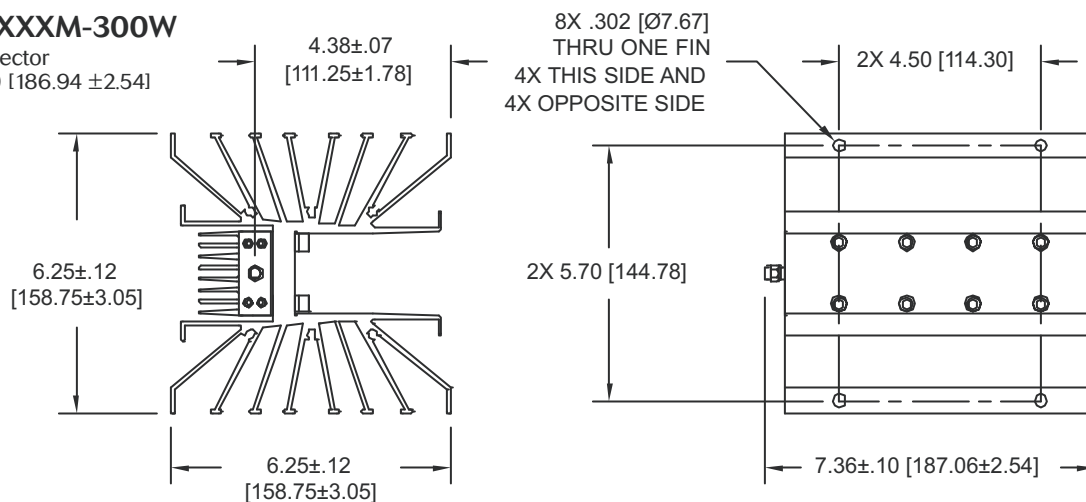
Units must be Positioned in such a way as to
Allow for Free Air Flow Around fins to Assure
Performance

Model Number: **TSXXXF-300W**

SMA Female Connector
Length: 7.24 ±10 [183.9 ±2.54]

Model Number: **TSXXXM-300W**

SMA Male Connector
Length: 7.36 ±10 [186.94 ±2.54]
Pictured



HOW TO ORDER:

Model Number: **TSXXXF-300W**

Freq. Range _____ Connector Configuration
010 = DC - 1.5 GHz F = Female
020 = DC - 2.5 GHz M = Male
030 = DC - 3 GHz

Ordering Examples:

Model Number: **TS030M-300W**
DC - 3 GHz, SMA Male CONN.

Model Number: **TS020F-300W**
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-300W: REV C

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