TERMINATIONS

SMA, up to 18 GHz, 50 Watts

SPECIFICATIONS:

Models: TSXXXM-50W, TSXXXF-50W

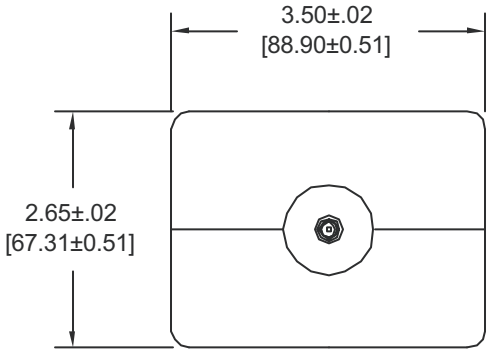
RoHS Compliant

Electrical:

Frequency Range	DC - 18 GHz
Standard Freq. Values	6, 12.4 & 18 GHz
VSWR	
DC - 6 GHz	1.25:1 Max.
6 - 12.4 GHz	1.35:1 Max.
12.4 - 18 GHz	1.45:1 Max.
Impedance	50 Ohms
Input Power	50 Watts Avg. @ +25°C Derated Linearly to 10 Watts @ +125°C
Peak Power	500 Watts Max. (5uSec Pulse, .05% Duty Cycle)
Operating Temp Range	-65°C to +125°C

Mechanical:

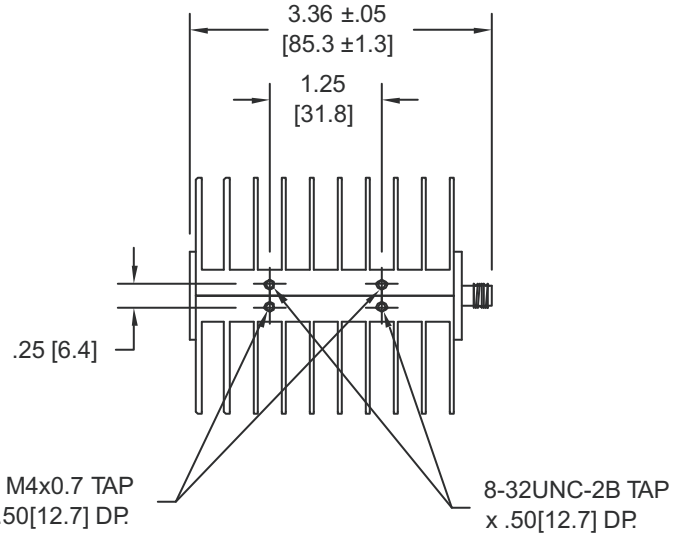
SMA Connectors Mates with MIL-STD-348	Passivated Stainless Steel
Housing	Anodized Aluminum
Conductors	Gold Plated Beryllium Copper



END VIEW
TYPICAL

Model Number: **TSXXXF-50W**
SMA Female Connector
Length: 3.36 ±.05 [85.3 ±1.3]
As Pictured

Model Number: **TSXXXM-50W**
SMA Male Connector
Length: 3.49 ±.05 [88.6 ±1.3]



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

HOW TO ORDER:

Model Number: **TSXXXY-50W**

Frequency Range
060 = DC - 6 GHz
120 = DC - 12.4 GHz
180 = DC - 18 GHz

Connector Configuration
M = Male
F = Female

Ordering Examples:

Model Number: **TS120M-50W**
DC - 12.4 GHz; SMA Male

Model Number: **TS060F-50W**
DC - 6 GHz; SMA Female

Model Number: **TS180M-50W**
DC - 18 GHz; SMA Male

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.

TS180-50W: REV G

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