

TERMINATIONS SMA

UP TO 18 GHz
50 WATTS

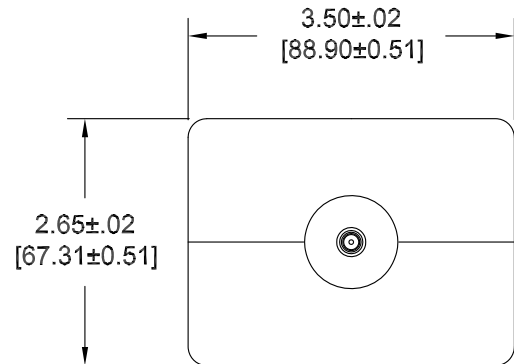
api
technologies corp.
> INMET

MODELS: TSXXXM-50W, TSXXXF-50W

SPECIFICATIONS:

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



END VIEW
TYPICAL

Mechanical:

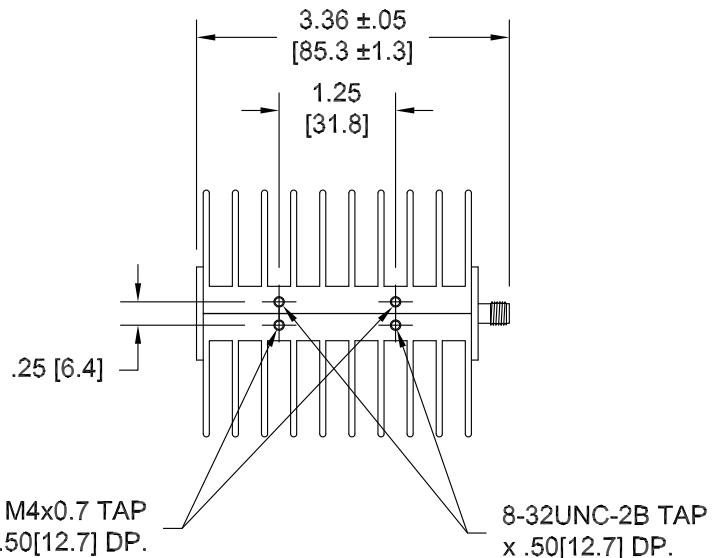
SMA Connectors _____ Passivated Stainless Steel
Mates with MIL-STD-348
Housing _____ Anodized Aluminum
Conductors _____ Gold Plated Beryllium Copper

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 as to Assure Performance.

HOW TO ORDER:

Model Number: **TSXXX-50W**

Frequency Range _____ Connector Configuration
060 = DC - 6 GHz M = Male
120 = DC - 12.4 GHz F = Female
180 = DC - 18 GHz

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.

Design specifications are subject to change without notice.

Contact factory for technical specifications before purchasing or use.

TS180-50W; REV G

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