TERMINATIONS
SMA

UP TO 18 GHz
25 WATTS

api technologies corp. > INMET

MODELS: TSXXXM–25W, TSXXXF–25W

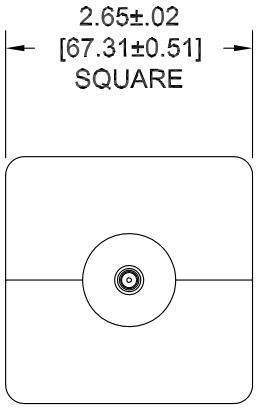
SPECIFICATIONS:

Electrical:

Frequency Range	DC – 18 GHz
Standard Freq. Values	6, 12.4 & 18 GHz
VSWR	
DC – 6 GHz	1.20:1 Max.
6 – 12.4 GHz	1.30:1 Max.
12.4 – 18 GHz	1.40:1 Max.
Impedance	50 Ohms
Input Power	25 Watts Avg. @ +25°C Derated Linearly to 5 Watt @ +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

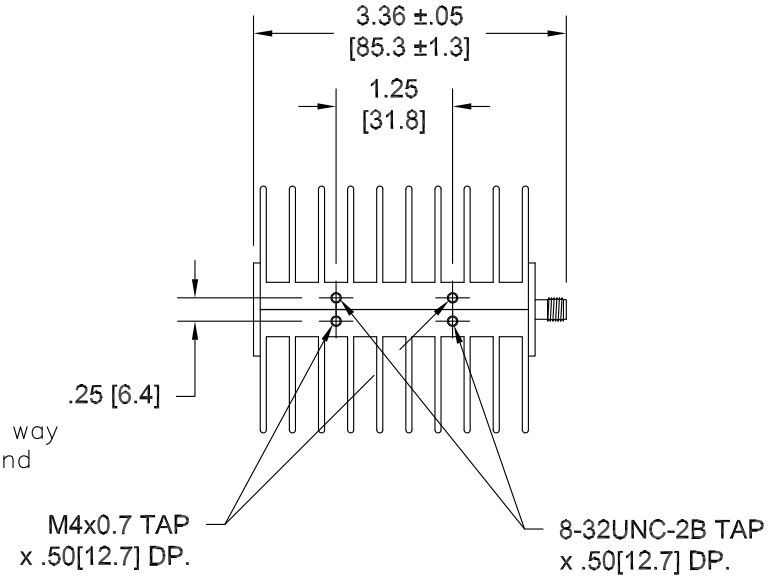


END VIEW
TYPICAL

Model Number: TSXXXF-25W
SMA Female Connector
Length: 3.36 ±.05 [85.3 ±1.3]
As Pictured

Model Number: TSXXXM-25W
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: TSXXXY-25W

Frequency Range — Connector Configuration

060 = DC – 6 GHz
120 = DC – 12.4 GHz
180 = DC – 18 GHz

M = Male
F = Female

Ordering Examples:

Model Number: TS120M-25W
DC – 12.4 GHz; SMA Male

Model Number: TS060F-25W
DC – 6 GHz; SMA Female

Model Number: TS180M-25W
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.

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