

TERMINATIONS SMA

UP TO **4.0 GHz**
150 WATTS

api 
technologies corp.
> INMET

MODELS: TSXXXM-150W & TSXXXF-150W

SPECIFICATIONS:

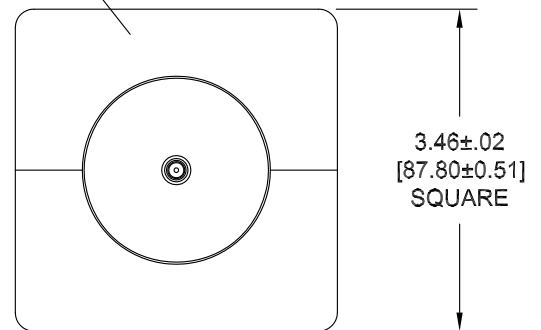
Electrical:

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 _____ 150 Watts Avg. @ +25°C
Derated Linearly to 30 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 MIL-STD-348
Conductors _____ Gold Plated Beryllium Copper
Housing _____ Anodized Aluminum

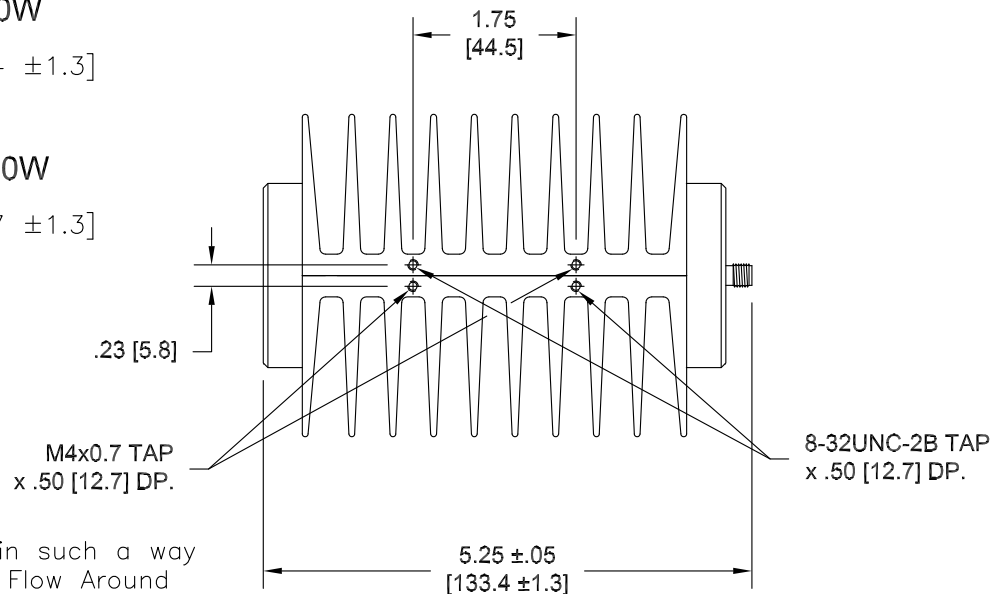
Custom Mtg. hole Config.
may be Added to this
Surface.



END VIEW
TYPICAL

Model Number: **TSXXXF-150W**
SMA Female Connector
Length: 5.25 ±.05 [133.4 ±1.3]
Pictured

Model Number: **TSXXXM-150W**
SMA Male Connector
Length: 5.38 ±.05 [136.7 ±1.3]



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

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

HOW TO ORDER:

Model Number: **TSXXX-150W**

Freq. Range _____ Connector Config.
020 = DC - 2.5 GHz F = Female
040 = DC - 4 GHz M = Male

Ordering Examples:

Model Number: **TS040M-150W**
DC - 4 GHz, SMA Male CONN.

Model Number: **TS020F-150W**
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 or use.

TSXXX-150W; REV H

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