

TERMINATIONS

SMA

UP TO 4.0 GHz
150 WATTS

api
technologies corp.
INMET

MODELS: TSXXXM-150W & TSXXXF-150W

SPECIFICATIONS:

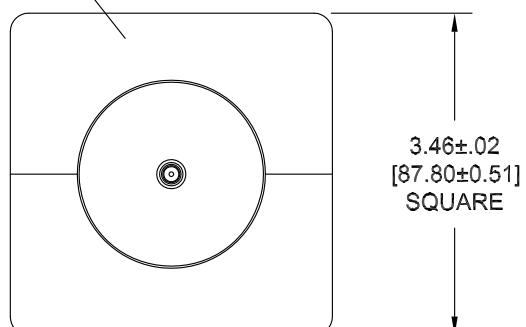
Electrical:

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.



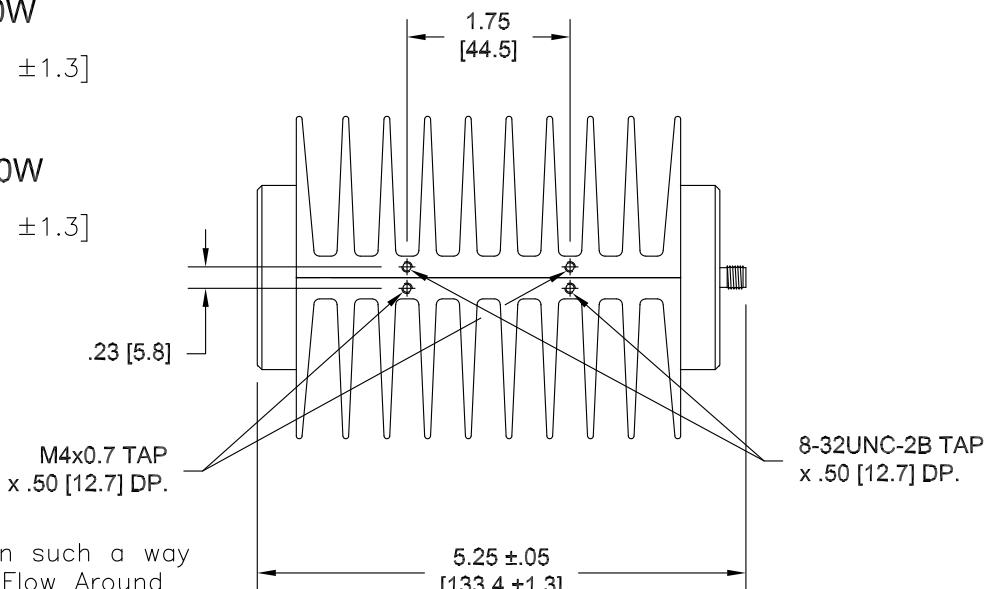
END VIEW
TYPICAL

Model Number: **TSXXXF-150W**

SMA Female Connector
 Length: 5.25 ± 0.05 [133.4 ± 1.3]
 Pictured

Model Number: **TSXXXM-150W**

SMA Male Connector
 Length: 5.38 ± 0.05 [136.7 ± 1.3]



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

HOW TO ORDER:

Model Number: **TSXXXY-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.

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TSXXX-150W; REV H