

TERMINATIONS SMA

UP TO 6.0 GHz
100 WATTS

api 
technologies corp.
> INMET

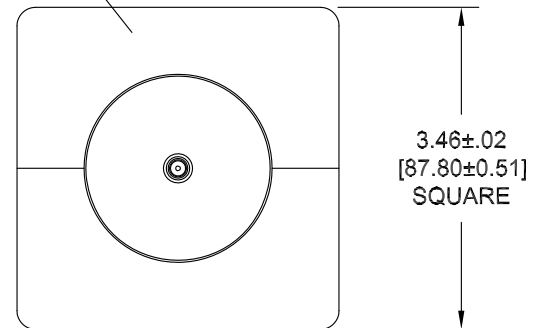
MODELS: TSXXXM-100W & TSXXXF-100W

SPECIFICATIONS:

Electrical:

Frequency Range _____ DC - 6.0 GHz
Standard Freq. Values _____ 2.5 & 6 GHz
VSWR
DC - 1.5 GHz _____ 1.20:1 Max.
1.5 - 2.5 GHz _____ 1.30:1 Max.
2.5 - 6.0 GHz _____ 1.40:1 Max.
Input Power _____ 100 Watts Avg.
Derated Linearly to 20 Watts @ +125°C.
Peak Power _____ 1 kW Max.
(5uSec Pulse, .05% Duty Cycle)
Impedance _____ 50 Ohms
Operating Temp. Range _____ -55°C to +125°C

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



END VIEW
TYPICAL

Mechanical:

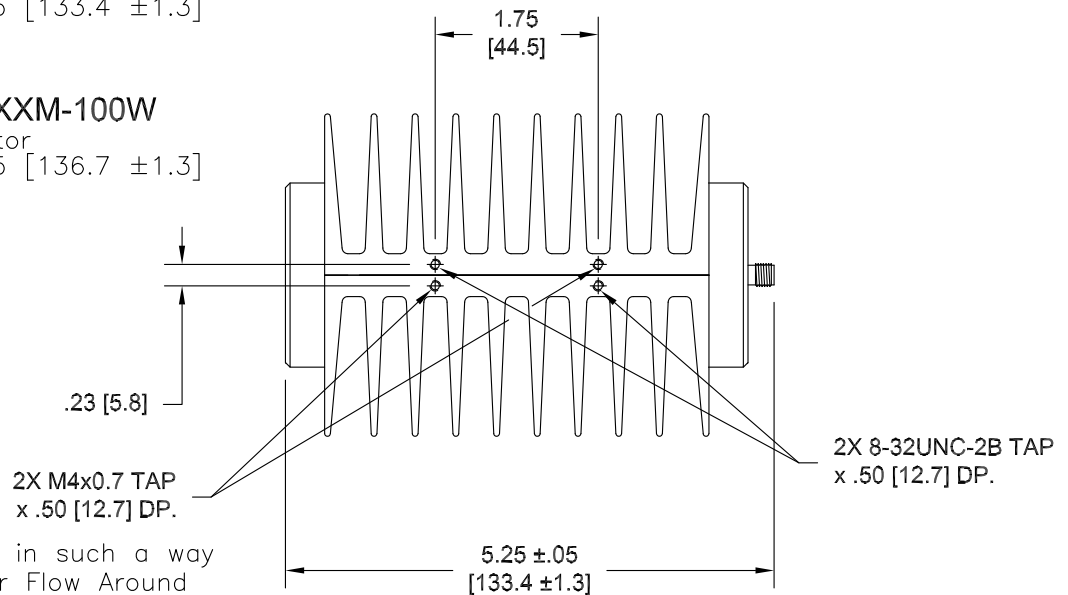
SMA Connectors _____ Passivated Stainless Steel
Mates with MIL-STD-348
Conductors _____ Gold Plated Beryllium Copper
Housing _____ Anodized Aluminum

Model Number: **TSXXXF-100W**

SMA Female Connector
Length: 5.25 ±.05 [133.4 ±1.3]
Pictured

Model Number: **TSXXXM-100W**

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: **TSXXXXY-100W**

Freq. Range _____ Connector Configuration
020 = DC - 2.5 GHz F = Female
060 = DC - 6 GHz M = Male

Ordering Examples:

Model Number: **TS020M-100W**
DC - 2.5 GHz, SMA Male CONN.

Model Number: **TS060F-100W**
DC - 6 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.