

TERMINATIONS SMA

UP TO **4.0 GHz**
300 WATTS

api 
technologies corp.
> INMET

MODELS: TSXXXM-300W & TSXXXF-300W

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 _____ 300 Watts Avg. @ 25°C
Derated Linearly to 60 Watts @ +125°C
Peak Power _____ 2 kW Max.
(5uSec Pulse, .05% Duty Cycle)
Impedance _____ 50 Ohms
Operating Temp. Range _____ -55°C to +125°C

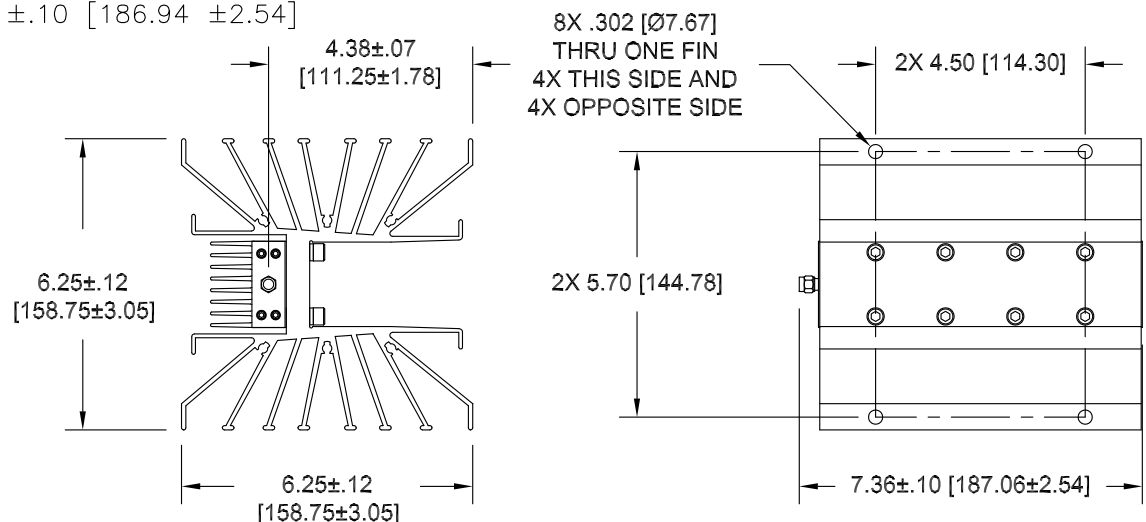
Mechanical:

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

Model Number: **TSXXXF-300W**
SMA Female Connector
Length: 7.24 ±.10 [183.9 ±2.54]

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

Model Number: **TSXXXM-300W**
SMA Male Connector
Length: 7.36 ±.10 [186.94 ±2.54]
Pictured



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

HOW TO ORDER:

Model Number: **TSXXXY-300W**

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

Ordering Examples:

Model Number: **TS020M-300W**
DC – 2.5 GHz, SMA Male CONN.

Model Number: **TS040F-300W**
DC – 4.0 GHz, SMA Female CONN.

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Design specifications are subject to change without notice.

Contact factory for technical specifications before purchasing or use.

TSXXX-300W; REV C
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