

# TERMINATIONS SMA

**DC - 18 GHz  
5 WATTS**

**api**   
**technologies corp.**  
> INMET

MODELS: TSXXXM-5W, TSXXXF-5W

## SPECIFICATIONS:

### Electrical:

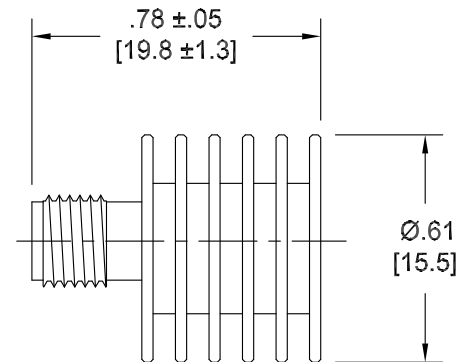
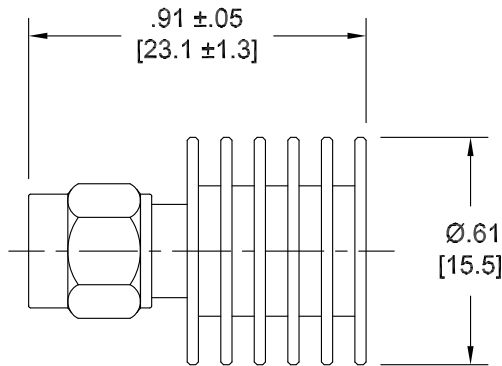
Frequency Range \_\_\_\_\_ DC - 18 GHz  
Standard Freq. Values \_\_\_\_\_ 6, 12.4 & 18 GHz  
VSWR  
DC - 4 GHz \_\_\_\_\_ 1.10:1 Max.  
4 - 8 GHz \_\_\_\_\_ 1.15:1 Max.  
8 - 12.4 GHz \_\_\_\_\_ 1.20:1 Max.  
12.4 - 18 GHz \_\_\_\_\_ 1.25:1 Max.  
Impedance \_\_\_\_\_ 50 Ohms  
Input Power \_\_\_\_\_ 5 Watts Avg. @ +25°C  
Derated Linearly to 1 Watt @ +125°C  
Operating Temp Range \_\_\_\_\_ -65°C to +125°C

### Mechanical:

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

Model Number: **TSXXXM-5W**  
SMA Male Connector

Model Number: **TSXXXF-5W**  
SMA Female Connector



## HOW TO ORDER:

Model Number: **TSXXXY-5W**

Frequency Range  Connector Configuration  
060 = DC - 6 GHz      M = Male  
120 = DC - 12.4 GHz      F = Female  
180 = DC - 18 GHz

## Ordering Examples:

Model Number: **TS120M-5W**  
DC - 12.4 GHz; SMA Male

Model Number: **TS060F-5W**  
DC - 6 GHz; SMA Female

Model Number: **TS180M-5W**  
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.