

# TERMINATIONS SMA

UP TO **26.5 GHz**  
**1 WATT**



MODELS: TSXXXM, TSXXXMC, TSXXXF, TSXXXFC

## SPECIFICATIONS:

### Electrical:

Frequency Range \_\_\_\_\_ DC – 26.5 GHz  
Standard Freq. Values \_\_\_\_ 6, 12.4, 18 & 26.5 GHz  
VSWR

DC – 4 GHz \_\_\_\_\_ 1.05:1 Max.

4 – 8 GHz \_\_\_\_\_ 1.10:1 Max.

8 – 12.4 GHz \_\_\_\_\_ 1.15:1 Max.

12.4 – 18 GHz \_\_\_\_\_ 1.20:1 Max.

18 – 26.5 GHz \_\_\_\_\_ 1.35:1 Max.

Impedance \_\_\_\_\_ 50 Ohms

Input Power \_\_\_\_\_ 1 Watt Avg. @ +25°C

Derated Linearly to 0 Watts @ +125°C

Peak Power \_\_\_\_\_ 1kW Max.

(5uSec Pulse, .05% Duty Cycle)

Temperature Coefficient \_\_\_\_\_ ±250 ppm/°C

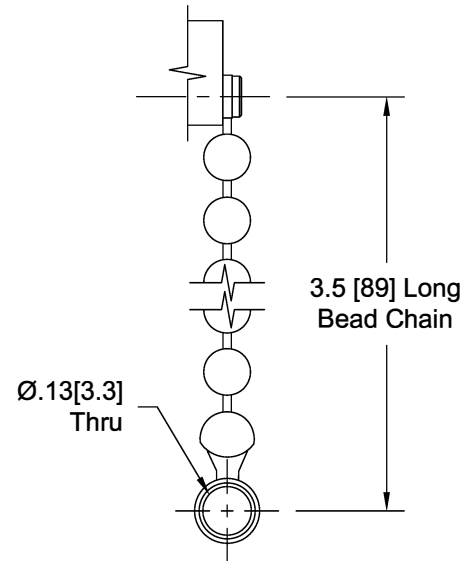
Operating Temp Range \_\_\_\_\_ -65°C to +125°C

### Mechanical:

SMA Connectors \_\_\_\_\_ Passivated Stainless Steel\*\*  
Mates with MIL-STD-348

Conductors \_\_\_\_\_ Gold Plated Beryllium Copper

Bead Chain \_\_\_\_\_ Passivated Stainless Steel

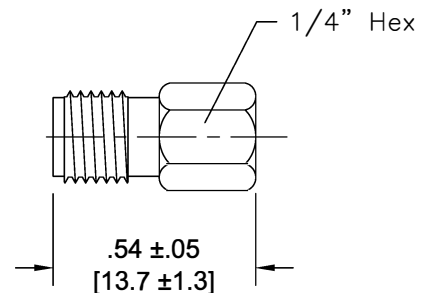
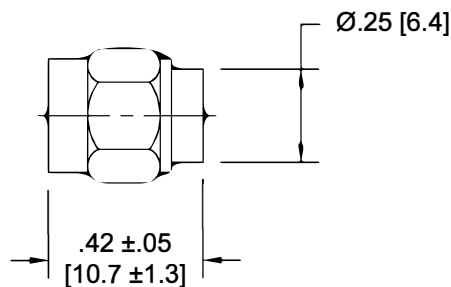


CHAIN DETAIL

\*\* For Gold Plated Connectors add /AU to the Model Number

Model Number: **TSXXXM**  
SMA Male Connector

Model Number: **TSXXXF**  
SMA Female Connector



## HOW TO ORDER:

Model Number: **TSXXXYZ/FF**

Frequency Range

060 = DC – 6 GHz

120 = DC – 12.4 GHz

180 = DC – 18 GHz

260 = DC – 26.5 GHz

Finish

/AU = Gold Plated Conn.

Style

C = Chain Included

Connector Config.

M = Male

F = Female

## Ordering Examples:

Model Number: **TS180MC**

DC – 18 GHz; SMA Male; Chain Included

Model Number: **TS060F/AU**

DC – 6 GHz; SMA Female; No Chain; Gold Plate

Model Number: **TS260M**

DC – 26.5 GHz; SMA Male; No Chain

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.

TS260; REV J

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