

# TERMINATIONS

## BNC

up to 3.0 GHz  
100 Watts



MODELS: TBXXXM-100W & TBXXF-100W

### SPECIFICATIONS:

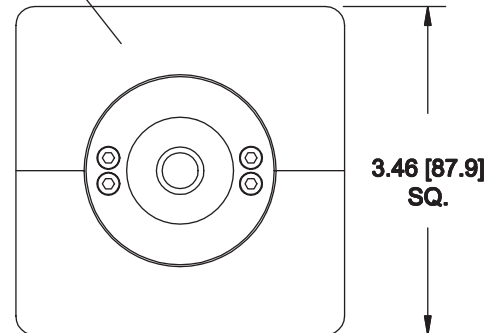
#### Electrical:

Frequency Range \_\_\_\_\_ DC - 3.0 GHz  
Standard Freq. Values \_\_\_\_\_ 1.5, 2.5 & 3 GHz  
VSWR  
DC - 1.5 GHz \_\_\_\_\_ 1.15:1 Max.  
1.5 - 2.5 GHz \_\_\_\_\_ 1.20:1 Max.  
2.5 - 3.0 GHz \_\_\_\_\_ 1.30:1 Max.  
Input Power \_\_\_\_\_ 100 Watts Avg.  
Derated Linearly to 20 Watts @ +125°C.  
Peak Power \_\_\_\_\_ 10 kW Max.  
(5uSec Pulse, .05% Duty Cycle)  
Impedance \_\_\_\_\_ 50 Ohms  
Operating Temp Range \_\_\_\_\_ -55°C to +125°C

#### Mechanical:

BNC Connectors \_\_\_\_\_ Nickel Plated Brass  
Mates with MIL-STD-348  
Conductors \_\_\_\_\_ Gold Plated Beryllium Copper  
Housing \_\_\_\_\_ Anodized Aluminum

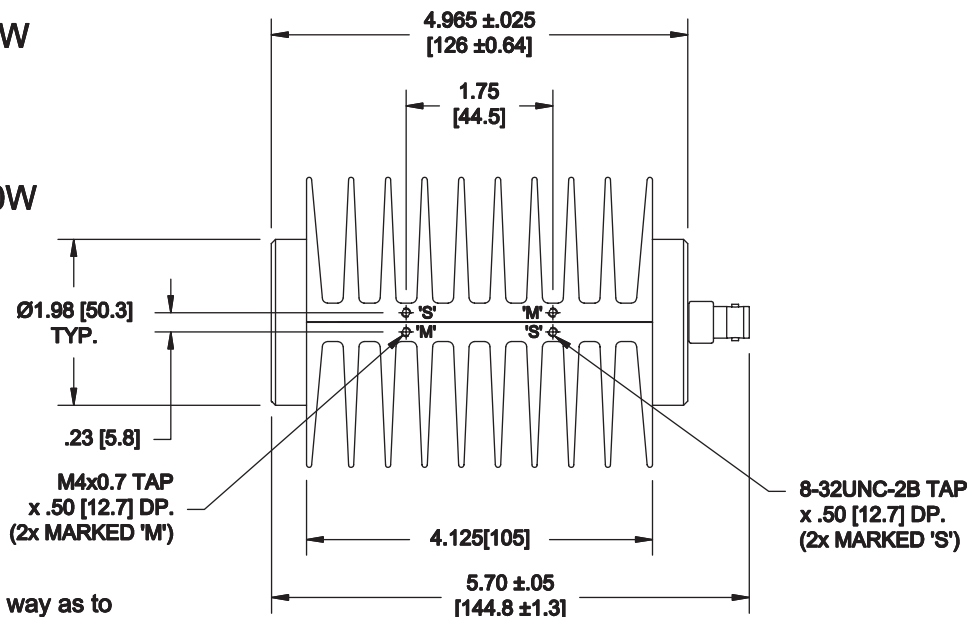
Custom Mtg. hole Config.  
may be Added to this  
Surface.



END VIEW  
TYPICAL

Model Number: **TBXXF-100W**  
BNC Female Connector  
Length:  $5.70 \pm 0.05$  [144.8  $\pm$  1.3]  
Pictured

Model Number: **TBXXM-100W**  
BNC Male Connector  
Length:  $5.81 \pm 0.05$  [147.6  $\pm$  1.3]



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

### HOW TO ORDER:

Model Number: **TBXXXY-100W**

Freq. Range	Connector Configuration
010 = DC - 1.5 GHz	F = Female
020 = DC - 2.5 GHz	M = Male
030 = DC - 3 GHz	

#### Ordering Examples:

Model Number: **TB010M-100W**  
DC - 1.5 GHz, BNC Male CONN.

Model Number: **TB020F-100W**  
DC - 2.5 GHz, BNC Female CONN.

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

Units that operate over a more specific wave band, and/or offer very low return loss (VSWR) are available.

TBXXXY-100W; REV B