

# TERMINATIONS 7/16 - DIN

UP TO **4.0 GHz**  
**150 WATTS**

**api**   
technologies corp.  
> INMET

MODELS: TDXXXM-150W & TDXXXF-150W

## SPECIFICATIONS:

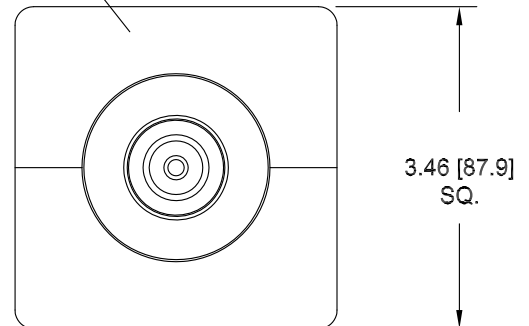
### Electrical:

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 \_\_\_\_\_ 1.30:1 Max.  
2.5 - 4.0 GHz \_\_\_\_\_ 1.40:1 Max.  
Input Power \_\_\_\_\_ 150 Watts Avg. @ +25°C  
Derated Linearly to 30 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:

7/16 DIN Connectors \_\_\_\_\_ Silver or White Bronze  
Mates with DIN 47 223 \_\_\_\_\_ Plated Brass  
Conductors \_\_\_\_\_ Silver or White Bronze  
Plated Beryllium Copper  
Housing \_\_\_\_\_ Anodized Aluminum

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



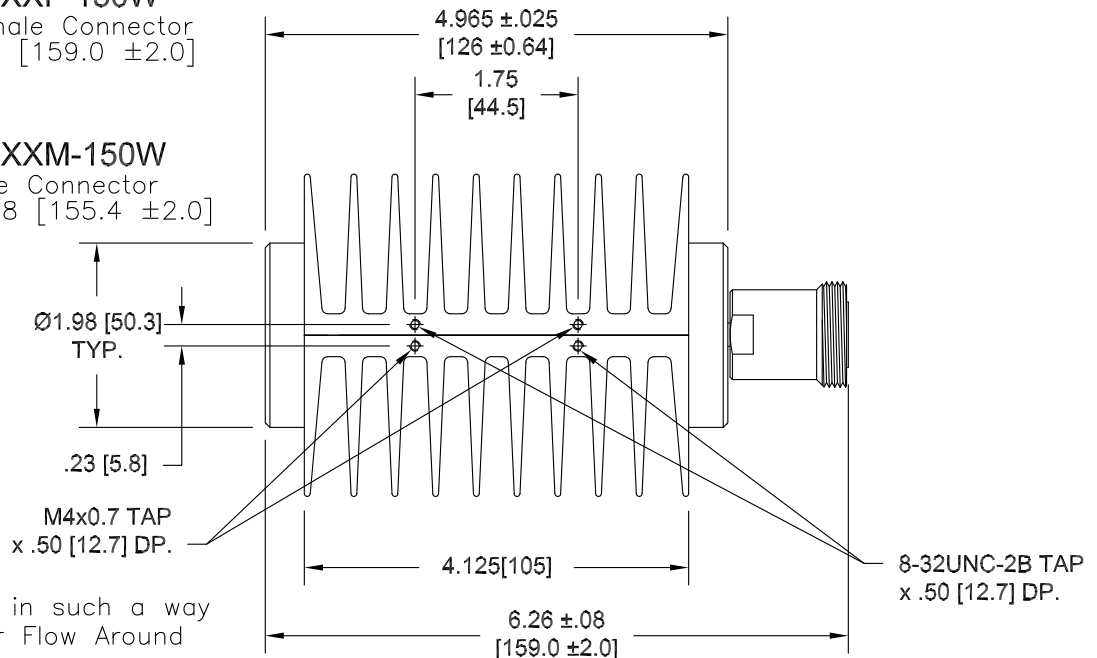
**END VIEW  
TYPICAL**

Model Number: **TDXXXF-150W**

DIN - 7/16 Female Connector  
Length: 6.26±.08 [159.0 ±2.0]  
Pictured

Model Number: **TDXXXM-150W**

DIN - 7/16 Male Connector  
Length: 6.12 ±.08 [155.4 ±2.0]



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

## HOW TO ORDER:

Model Number: **TDXXXY-150W**

Freq. Range \_\_\_\_\_ Connector Config.  
020 = DC - 2.5 GHz F = Female  
040 = DC - 4 GHz M = Male

## Ordering Examples:

Model Number: **TD040M-150W**  
DC - 4 GHz, 7/16 - DIN Male CONN.

Model Number: **TD020F-150W**  
DC - 2.5 GHz, 7/16 - DIN 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.