

# TERMINATIONS TYPE N

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

**api**   
technologies corp.  
> INMET

MODELS: TNXXXM-150W & TNXXXF-150W

## SPECIFICATIONS:

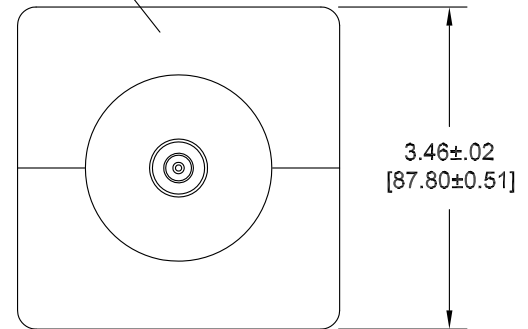
### Electrical:

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 \_\_\_\_\_ 1.25:1 Max.  
2.5 — 4.0 GHz \_\_\_\_\_ 1.35:1 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:

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

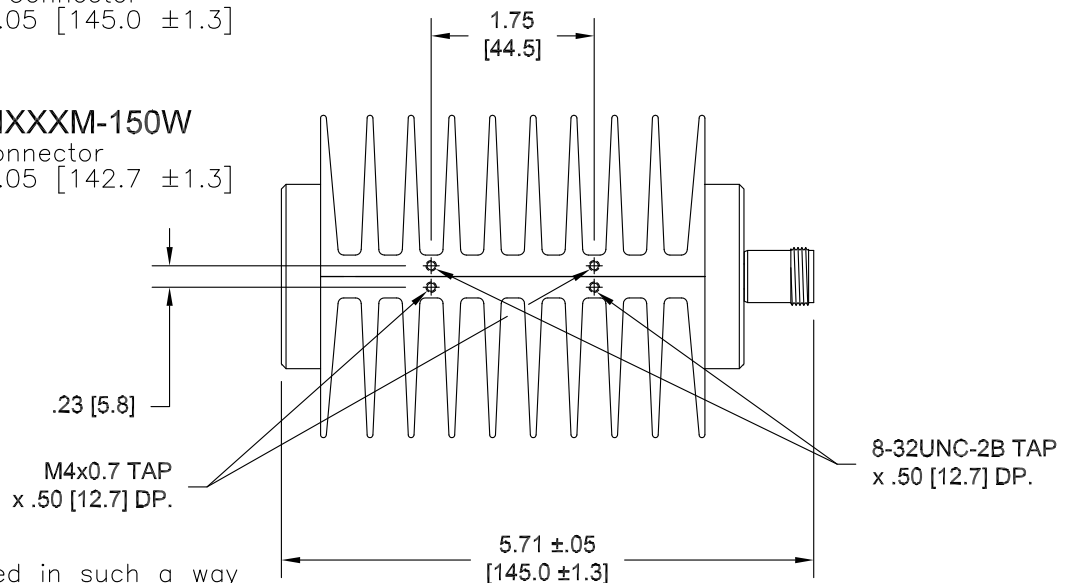
Custom Mtg. hole Config.  
may be Added to this  
Surface.



END VIEW  
TYPICAL

Model Number: **TNXXXF-150W**  
Type N Female Connector  
Length: 5.71 ±.05 [145.0 ±1.3]  
Pictured

Model Number: **TNXXXM-150W**  
Type N Male Connector  
Length: 5.62 ±.05 [142.7 ±1.3]



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

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

## HOW TO ORDER:

Model Number: **TNXXXY-150W**

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

## Ordering Examples:

Model Number: **TN040M-150W**  
DC — 4 GHz, Type N Male CONN.

Model Number: **TN020F-150W**  
DC — 2.5 GHz, Type N 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.