

TERMINATIONS

TNC

up to 6.0 GHz
100 Watts

inmet
CORPORATION
An MCE Company

MODELS: TTXXXM-100W & TTXXXF-100W

SPECIFICATIONS:

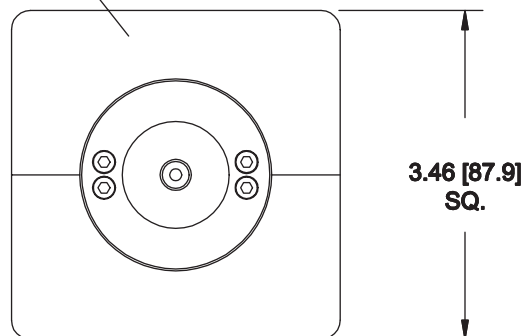
Electrical:

Frequency Range _____ DC - 6.0 GHz
Standard Freq. Values _____ 1.5, 2.5, 4 & 6 GHz
VSWR
DC - 1.5 GHz _____ 1.15:1 Max.
1.5 - 3.0 GHz _____ 1.25:1 Max.
3.0 - 6.0 GHz _____ 1.35:1 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:

TNC Connectors* _____ Passivated Stainless Steel
Mates with MIL-STD-348
Conductors _____ Gold Plated Beryllium Copper
Housing _____ Anodized Aluminum
* TNC Connectors are 18 GHz Mode Free.

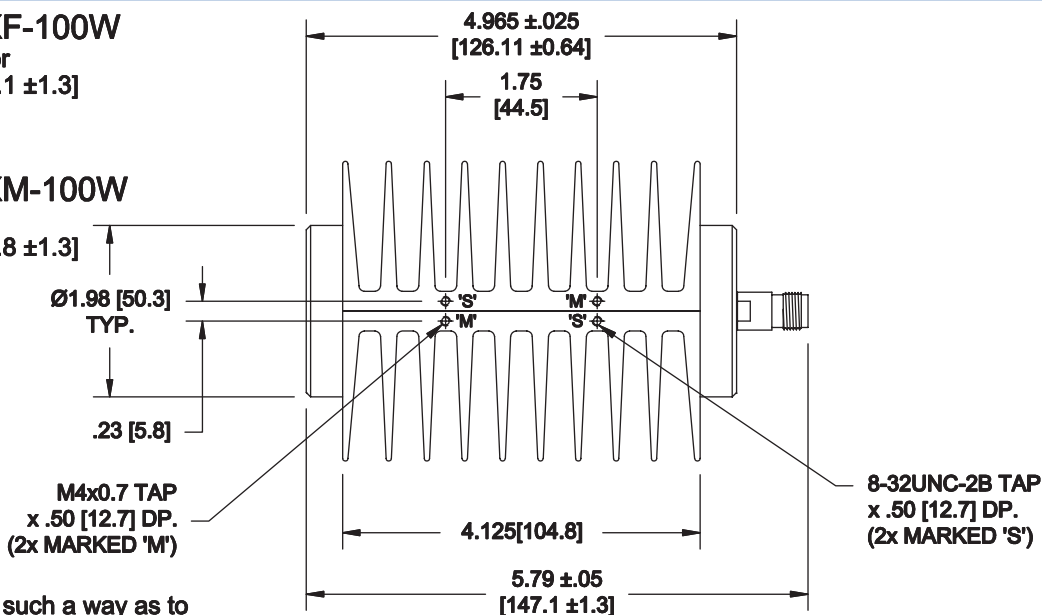
Custom Mtg. hole Config.
may be Added to this
Surface.



END VIEW
TYPICAL

Model Number: TTXXXF-100W
TNC Female Connector
Length: 5.79 ±.05 [147.1 ±1.3]
Pictured

Model Number: TTXXXM-100W
TNC Male Connector
Length: 5.70 ±.05 [144.8 ±1.3]



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

HOW TO ORDER:

Model Number: TTXXXY-100W

Freq. Range	Connector Configuration
010 = DC - 1.5 GHz	F = Female
020 = DC - 2.5 GHz	M = Male
040 = DC - 4 GHz	
060 = DC - 6 GHz	

Ordering Examples:

Model Number: TT010M-100W
DC - 1.5 GHz, TNC Male CONN.

Model Number: TT040F-100W
DC - 4 GHz, TNC 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.

TTXXXY-100W; REV B