

TERMINATIONS

7/16 - DIN

UP TO 7.5 GHz
50 WATTS

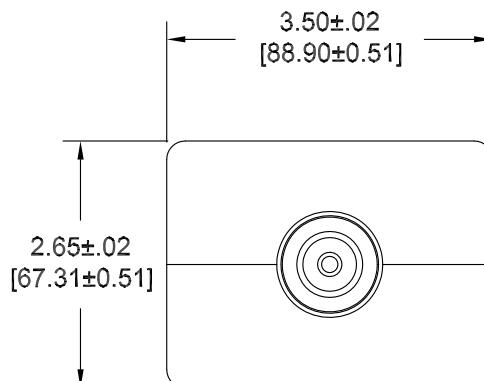
api
technologies corp.
INMET

MODELS: TDXXXM-50W, TDXXXF-50W

SPECIFICATIONS:

Electrical:

Frequency Range DC - 7.5 GHz
Standard Freq. Values 2.5, 4 & 7.5 GHz
VSWR
DC - 4 GHz 1.25:1 Max.
4 - 7.5 GHz 1.45:1 Max.
Impedance 50 Ohms
Input Power 50 Watts Avg. @ +25°C
Derated Linearly to 10 Watts @ +125°C
Peak Power 500 Watts Max.
(5uSec Pulse, .05% Duty Cycle)
Operating Temp Range -65°C to +125°C



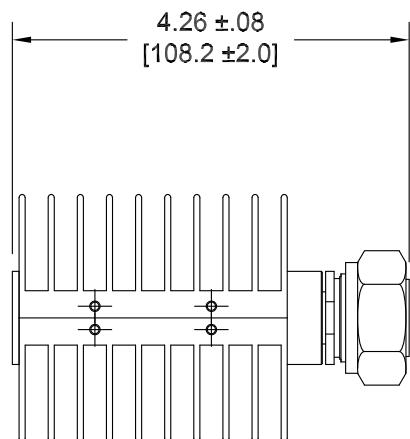
Mechanical:

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

END VIEW TYPICAL

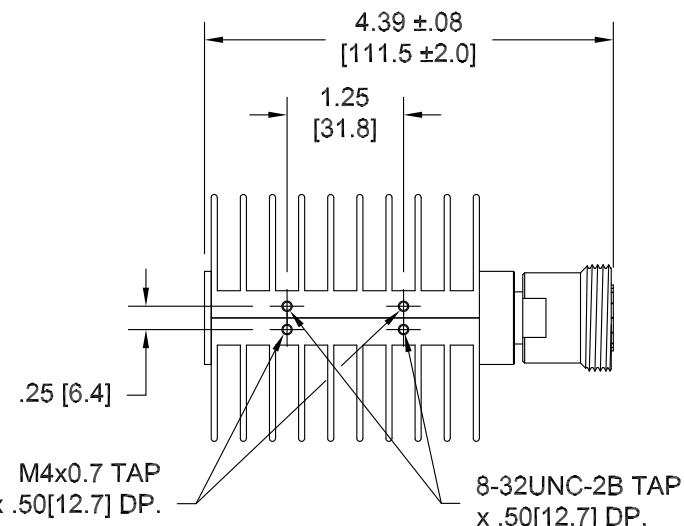
Units must be Mounted in such a way as to Allow for Free Air Flow Around fins as to Assure Performance.

Model Number: **TDXXXM-50W**
7/16 - DIN Male Connector



NOTE: Hole Pattern typical for both Male & Female units

Model Number: **TDXXXF-50W**
7/16 - DIN Female Connector



HOW TO ORDER:

Model Number: **TDXXXXY-50W**

Freq. Range 020 = DC - 2.5 GHz
040 = DC - 4 GHz
075 = DC - 7.5 GHz Connector Config. F = Female
M = Male

Ordering Examples:

Model Number: **TD020M-50W**
DC - 2.5 GHz, 7/16-DIN Male Conn

Model Number: **TD075F-50W**
DC - 7.5 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.