

TERMINATIONS

7/16 - DIN

UP TO **4.0 GHz**
300 WATTS

api 
technologies corp.
> INMET

MODELS: TDXXXM-300W & TDXXXF-300W

SPECIFICATIONS:

Electrical:

Frequency Range _____ DC - 4.0 GHz
Standard Freq. Values _____ 2.5 & 4.0 GHz
VSWR
DC - 1.5 GHz _____ 1.15:1 Max.
1.5 - 2.5 GHz _____ 1.30:1 Max.
2.5 - 4.0 GHz _____ 1.35:1 Max.
Input Power _____ 300 Watts Avg.
Derated Linearly to 75 Watts @ +85°C
Peak Power _____ 2 kW Max.
(5uSec Pulse, .05% Duty Cycle)
Impedance _____ 50 Ohms
Operating Temp Range _____ -55°C to +125°C

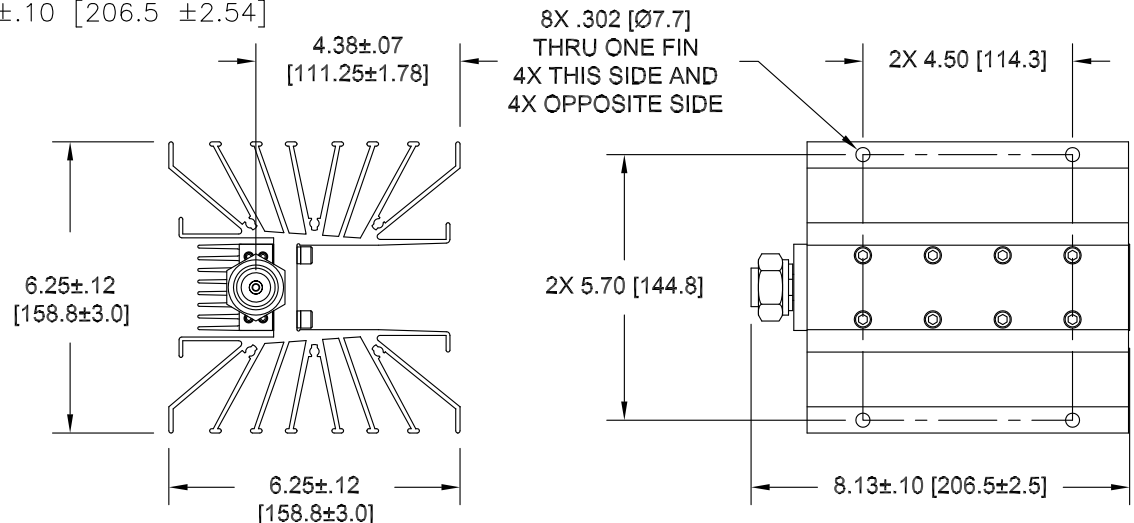
Mechanical:

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

Note: Units must be positioned in such a way so as to allow free airflow around fins to assure performance.

Model Number: **TDXXXF-300W**
7/16 - DIN Female Connector
Length: 8.26±.10 [209.8 ±2.54]

Model Number: **TDXXXM-300W**
7/16 - DIN Male Connector
Length 8.13 ±.10 [206.5 ±2.54]
Pictured



HOW TO ORDER:

Model Number: **TDXXXY-300W**

Freq. Range _____ Connector Config.
020 = DC - 2.5 GHz F = Female
040 = DC - 4.0 GHz M = Male

Ordering Examples:

Model Number: **TD020M-300W**
DC - 2.5 GHz, 7/16 - DIN Male CONN.

Model Number: **TD040F-300W**
DC - 4.0 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.