TERMINATIONS
TYPE N

UP TO 18 GHz
50 WATTS

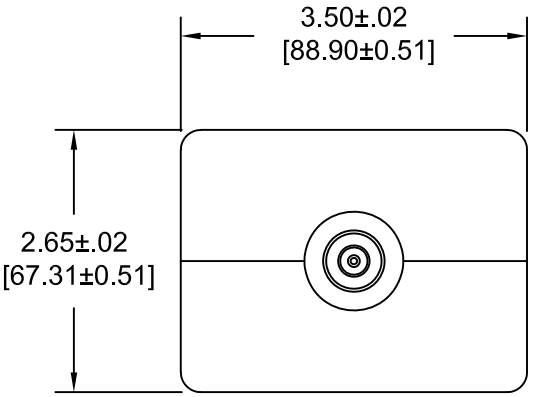
api technologies corp. > INMET

MODELS: TNXXXM–50W, TNXXXF–50W

SPECIFICATIONS:

Electrical:

Frequency Range	DC - 18 GHz
Standard Freq. Values	6 & 18 GHz
VSWR:	
DC - 6 GHz	1.25:1 Max.
6 - 12.4 GHz	1.35:1 Max.
12.4 - 18 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



END VIEW
TYPICAL

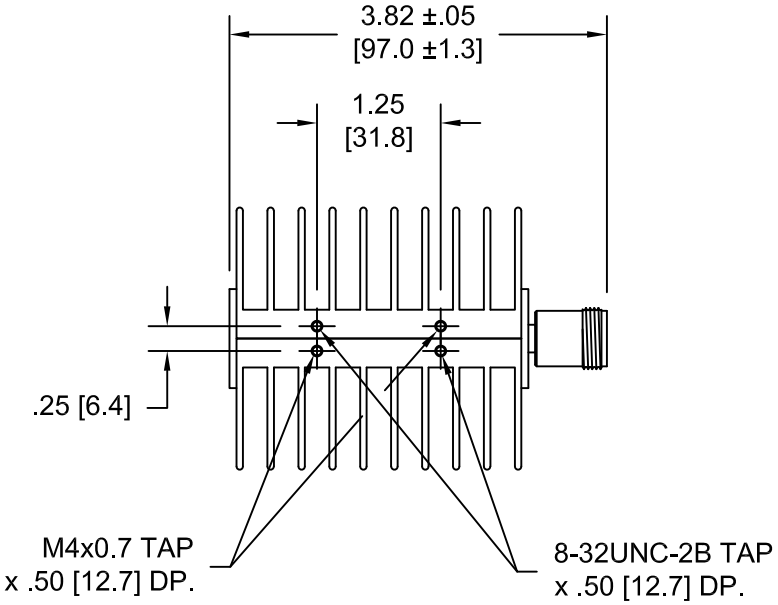
Mechanical:

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

Model Number: TNXXXF-50W
Type N Female Connector
Length: 3.82 ±.05 [97.0 ±1.3]
As Pictured

Model Number: TNXXXM-50W
Type N Male Connector
Length: 3.74 ±0.5 [95.0 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: TNXXXY-50W

Frequency Range
060 = DC - 6 GHz
180 = DC - 18 GHz

Connector Configuration
M = Male
F = Female

Ordering Examples:

Model Number: TN060F-50W
DC - 6 GHz; Type N Female

Model Number: TN180M-50W
DC - 18 GHz; Type N Male

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.

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