

TERMINATIONS BNC

**UP TO 4 GHz
100 WATTS**

api 
technologies corp.
> INMET

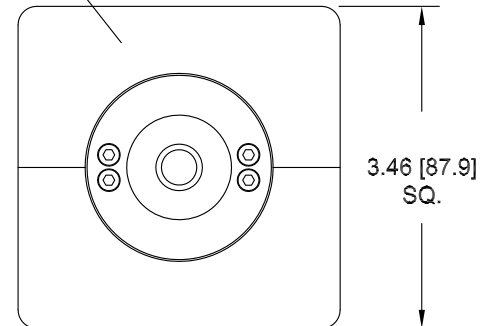
MODELS: TBXXXM-100W & TBXXXF-100W

SPECIFICATIONS:

Electrical:

Frequency Range _____ DC - 4 GHz
Standard Freq. Values _____ 2.5 & 4 GHz
VSWR
DC - 1.5 GHz _____ 1.25:1 Max.
1.5 - 2.5 GHz _____ 1.35:1 Max.
2.5 - 4.0 GHz _____ 1.45:1 Max.
Input Power _____ 100 Watts Avg.
Derated Linearly to 20 Watts @ +125°C.
Peak Power _____ 1 kW Max.
(5uSec Pulse, .05% Duty Cycle)
Impedance _____ 50 Ohms
Operating Temp Range _____ -55°C to +125°C

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



**END VIEW
TYPICAL**

Mechanical:

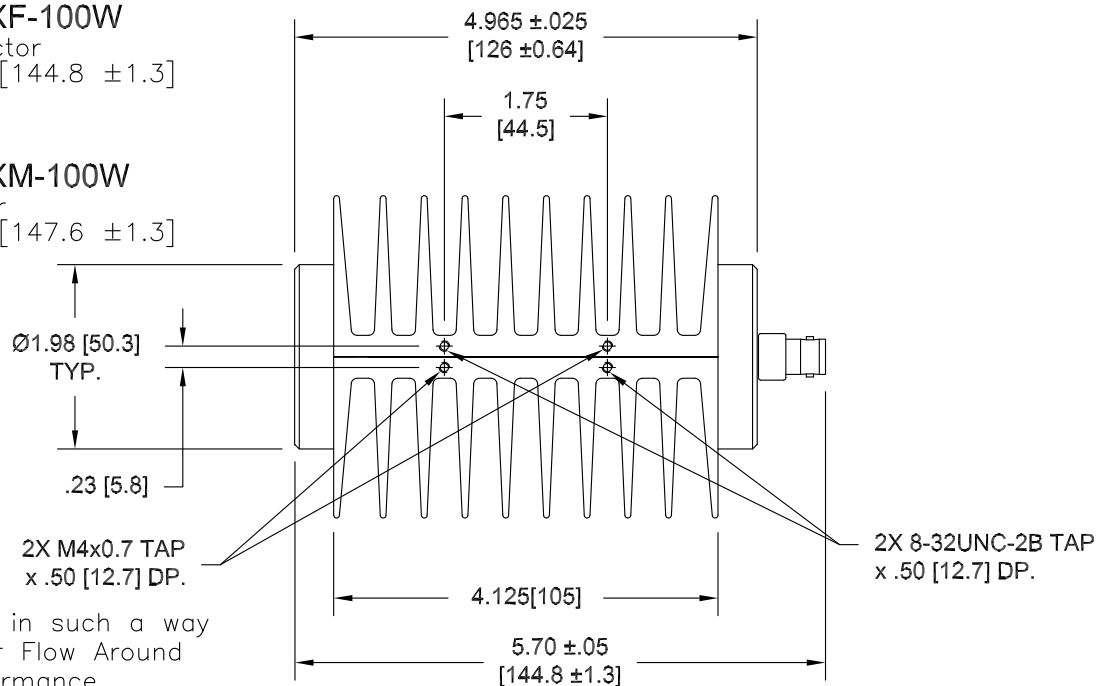
BNC Connectors _____ Nickel Plated Brass
Mates with MIL-STD-348
Conductors _____ Gold Plated Beryllium Copper
Housing _____ Anodized Aluminum

Model Number: **TBXXXF-100W**

BNC Female Connector
Length: 5.70 ±.05 [144.8 ±1.3]
Pictured

Model Number: **TBXXXM-100W**

BNC Male Connector
Length: 5.81 ±.05 [147.6 ±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: **TBXXXY-100W**

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

Ordering Examples:

Model Number: **TB020M-100W**
DC - 2.5 GHz, BNC Male CONN.

Model Number: **TB040F-100W**
DC - 4.0 GHz, BNC 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.

TBXXXY-100W; REV E

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