

TERMINATIONS

BNC

UP TO 4 GHz
100 WATTS

api
technologies corp.
INMET

MODELS: TBXXXM-100W & TBXXXF-100W

SPECIFICATIONS:

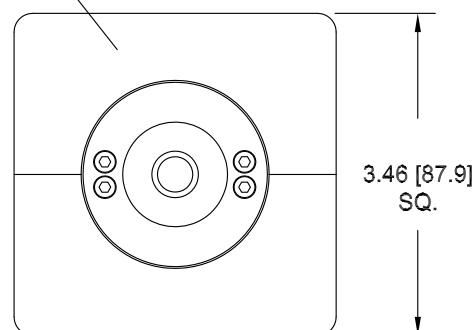
Electrical:

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

Mechanical:

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

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



END VIEW
TYPICAL

Model Number: **TBXXXF-100W**

BNC Female Connector

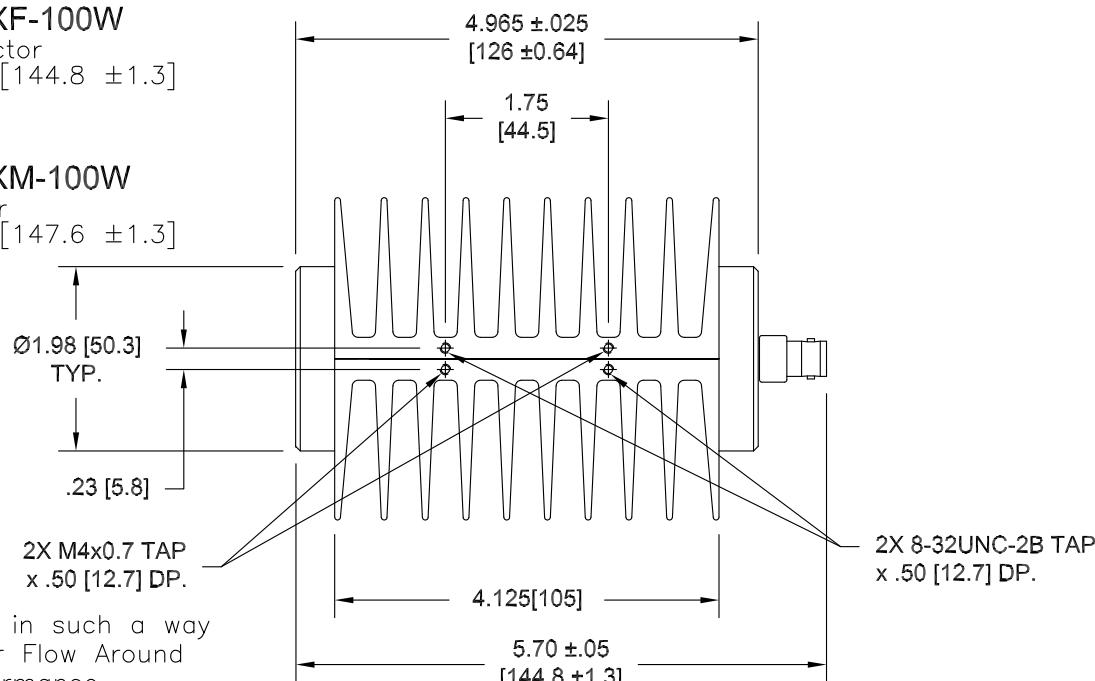
Length: $5.70 \pm .05$ [144.8 ± 1.3]

Pictured

Model Number: **TBXXXM-100W**

BNC Male Connector

Length: $5.81 \pm .05$ [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: **TBXXXX-100W**

Connector Config.
 Freq. Range
 020 = DC - 2.5 GHz
 040 = DC - 4.0 GHz

F = Female
M = Male

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.

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TBXXXX-100W; REV E