Model 1404N
Precision Lab Standard N Connectors

dc to 18.0 GHz
1 Watt

RoHS

Features

- **Precision Connector** - Interface dimensions per MIL-STD-348 Test connector
- **Rugged Construction** - Numerically controlled machining is used to produce high quality uniform parts with controlled concentricity and surface finishes. The result is excellent SWR repeatability.

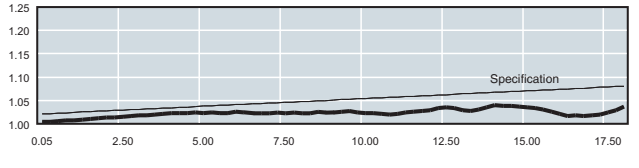
Specifications

NOMINAL IMPEDANCE: 50 Ω

FREQUENCY RANGE: dc to 18.0 GHz

POWER RATING: 1.0 watt **average** to 25 °C ambient temperature, derated linearly to 0.1 watts @ 125°C. 1 kilowatt **peak** maximum (5 µsec pulse width; 0.05 % duty cycle).

MAXIMUM SWR:	
Model	SWR
F1404N	≤ 1.04 + 0.0023f (GHz)
M1404N	≤ 1.02 + 0.0033f (GHz)



Typical M1404 SWR Performance

TEMPERATURE RANGE: -55°C to +85°C

TEST DATA: Swept data plots of SWR from 50 MHz to 18 GHz is available at additional cost.

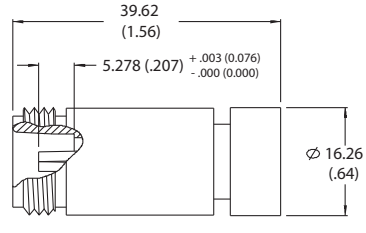
CONNECTOR: Type N connector - mates nondestructively with MIL-C-39012 connector. Choice of male or female connector. When ordering, prefix model number with M for male and F for female.

CONSTRUCTION: Gold plated brass body; stainless steel connector; gold plated beryllium copper contacts.

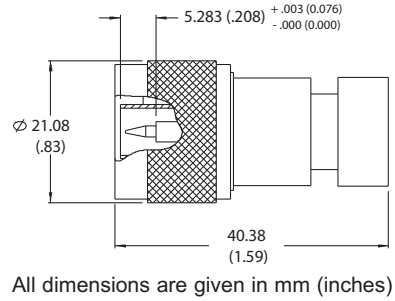
WEIGHT: Net, 110 g (4 oz)

PHYSICAL DIMENSIONS:

MODEL F1404N:



MODEL M1404N:



NOTE: All dimensions are given in mm (inches) and are maximum, unless otherwise specified.

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