

7641792

QN Female Bulkhead

Product Classification

Product Type Device connector

General Specifications

Body Style Bulkhead

Inner Contact Attachment Method Solder

Inner Contact Plating Gold

Interface QN Female

Outer Contact Plating Trimetal

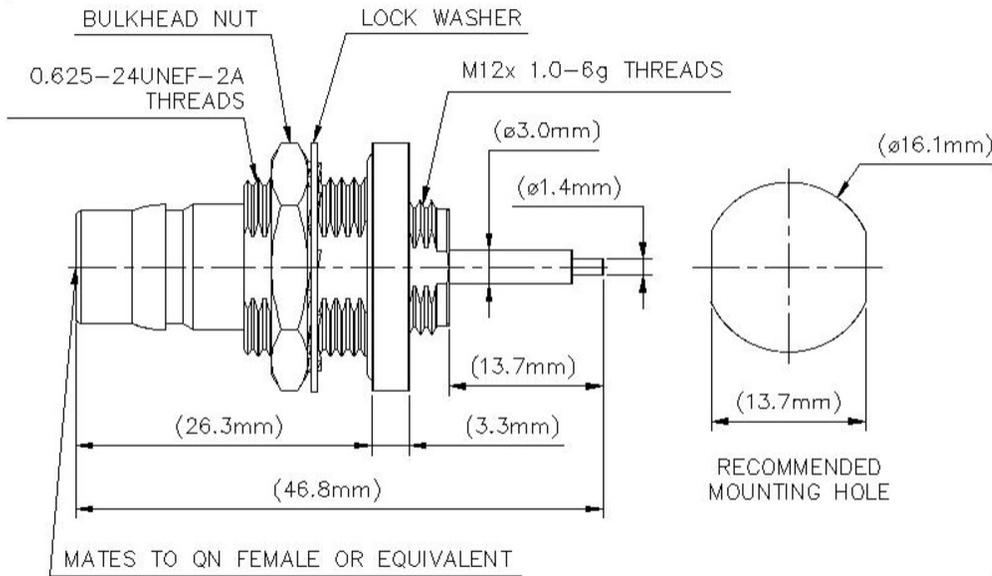
Dimensions

Width 22.1 mm | 0.87 in

Length 47.8 mm | 1.882 in

Diameter 22.1 mm | 0.87 in

Outline Drawing



Electrical Specifications

Connector Impedance	50 ohm
dc Test Voltage	2500 V
Inner Contact Resistance, maximum	1.5 mOhm
Insulation Resistance, minimum	5000 MOhm
Operating Frequency Band	0 – 6000 MHz
Outer Contact Resistance, maximum	1.5 mOhm
Peak Power, maximum	10 kW
RF Operating Voltage, maximum (vrms)	707 V

VSWR/Return Loss

Frequency Band	VSWR	Return Loss (dB)
0–6000 MHz	1.2	20.83

Mechanical Specifications

Interface Durability	100 cycles
Interface Durability Method	IEC 61169-16:9.5

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Mechanical Shock Test Method IEC 60068-2-27

Environmental Specifications

Operating Temperature -55 °C to +85 °C (-67 °F to +185 °F)
Storage Temperature -65 °C to +125 °C (-85 °F to +257 °F)
Attenuation, Ambient Temperature 20 °C | 68 °F
Average Power, Ambient Temperature 40 °C | 104 °F
Average Power, Inner Conductor Temperature 100 °C | 212 °F
Climatic Sequence Test Method IEC 60068-1
Corrosion Test Method IEC 60068-2-11
Damp Heat Steady State Test Method IEC 60068-2-3
Thermal Shock Test Method IEC 60068-2-14
Vibration Test Method IEC 60068-2-6

Packaging and Weights

Weight, net 35.34 g | 0.078 lb