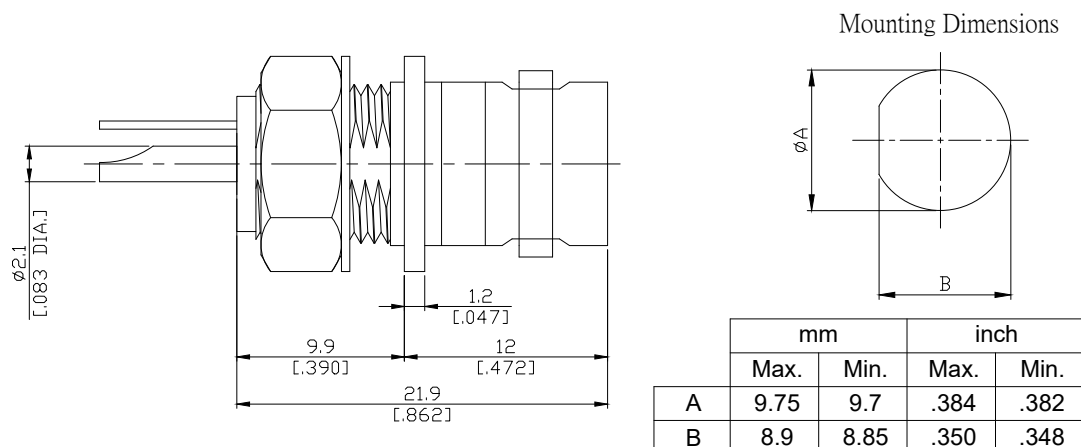


BNC Bulkhead Receptacle Isolated Jack

BNC2FB50-3000A-ISO / H3



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 60169-8; MIL-STD-348B/301

Electrical Data

Impedance

50 Ω

Frequency

DC to 4 GHz

Insulation Resistance

$\geq 5 \text{ G}\Omega$

Center Contact Resistance

$\leq 1.5 \text{ m}\Omega$

Outer Contact Resistance

$\leq 1 \text{ m}\Omega$

Test Voltage

1500 V rms

Working Voltage (at sea level)

400 V rms

Power Handling (at 20 °C, sea level, VSWR 1.0)

$\leq 80 \text{ W @ 2 GHz}$

Material And Plating

Piece Parts	Material	Plating
Centre contact	Phosphor Bronze	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Body	Brass	Nickel
Insulator	PTFE	
Gasket	Silicone Rubber	

BNC Bulkhead Receptacle Isolated Jack

BNC2FB50-3000A-ISO / H3

Mechanical Data

Coupling mechanisms	Bayonet
Mating Cycles	≥ 500
Terminal Type	Solder cup
Center Contact Captivation: axial	≥ 15 N

Environmental Data

Temperature Range	-40°C to +85°C
Thermal shock	MIL-STD-202, Meth. 107, Cond. B
Corrosion	MIL-STD-202, Meth. 101, Cond. B
Vibration	MIL-STD-202, Meth. 204, Cond. B
Shock	MIL-STD-202, Meth. 213, Cond. G
Moisture Resistance	MIL-STD-202, Meth. 106
RoHS	compliant

Packing

Single or 100