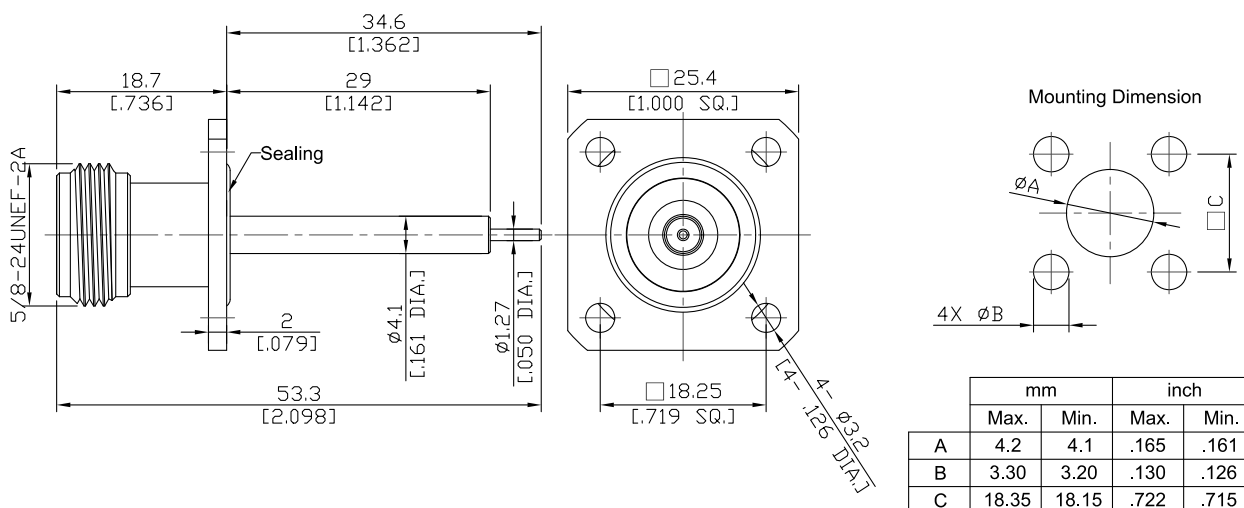


N Jack (Female) Connector Solder Attachment 4 Hole Flange Mount
Stub Terminal, 18.25mm (.719 inch) Hole Spacing, DC-11GHz, VSWR1.30

N2GFA50-5330A-S / H3



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 60169-16; MIL-STD-348B/304; CECC 22210; MIL-PRF-39012

Electrical Data

Impedance

50 Ω

Frequency

DC to 11 GHz

VSWR (Return Loss)

≤ 1.30 (≥ 17.69 dB)

Insertion Loss

≤ 0.1 × √F (GHz) dB

Insulation Resistance

≥ 5 × 10³ MΩ

Center Contact Resistance

≤ 1 mΩ

Outer Contact Resistance

≤ 0.25 mΩ

Working Voltage (at sea level)

500 V rms

Power Handling

1000 W @ 1 GHz; 700 W @ 2 GHz

- VSWR in application depends decisive on PCB layout or cavity design -

Material And Plating

Piece Parts	Material	Plating
Centre Contact	Phosphor Bronze	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Brass	Nickel
Insulator	PTFE	
Gasket	Silicone Rubber	

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Mechanical Data

Coupling mechanisms	Screw-On
Mating Cycles	≥ 500
Centre Contact	Soldered
Terminal Type	Stub
Captivated Type	Mechanical
Coupling Test Torque	max. 1.7 Nm
Recommended Torque	1.0 Nm

Environmental Data

Temperature Range	-65°C to +165°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.D
Shock	MIL-STD-202, Meth. 213, Cond. I
Moisture Resistance	MIL-STD-202, Meth. 106
RoHS	Compliant

Packing

Single or 100