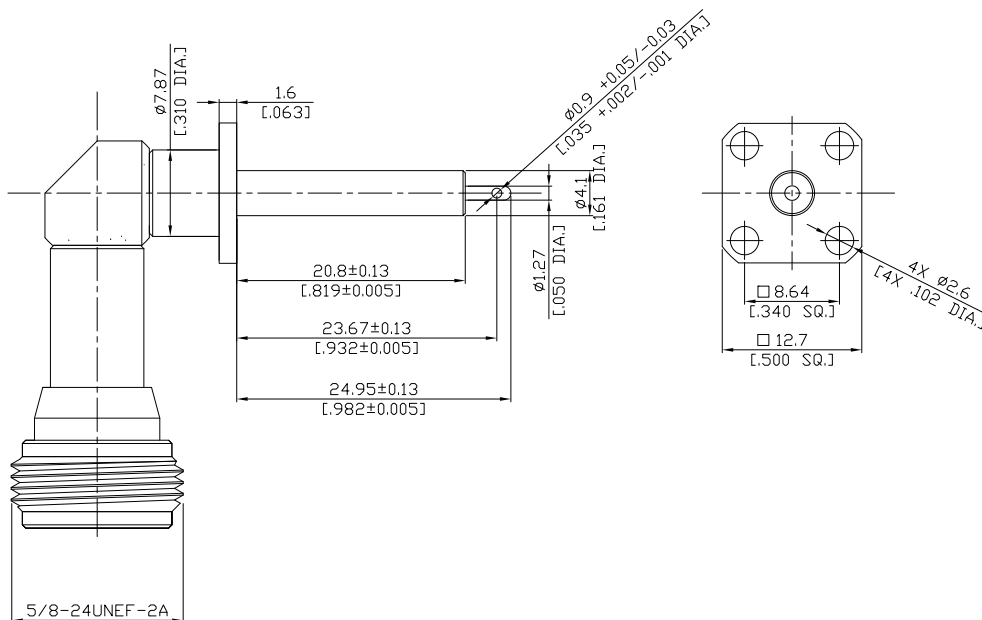


N Right-Angle Low PIM Jack (Female) Connector Non-Solder Attachment
4 Hole Flange Mount Solder cup Terminal, 8.64mm (.340 inch) Hole Spacing DC-5GHz VSWR1.12

N2GFE59-4547B / 90-LP



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 61169-16; MIL-STD-348B/304

Electrical Data

Impedance

50 Ω

Frequency

DC to 5 GHz

VSWR (Return Loss)

≤ 1.12 (≥ 24.94 dB)

Insertion Loss

≤ 0.05 dB

Insulation Resistance

≥ 5 GΩ

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

RF-leakage

≤ 128 dB up to 1 GHz

Intermodulation (3rd order)

≥ 160 dBc (2 x 43 dBm)

Material And Plating

Piece Parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating (≥ 100 microinches; per MIL-G-45204 ; type I; grade C; class 2)
Body	Brass	Silver plating (≥ 50 microinches; per MIL-G-45204)
Insulator	PTFE	

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Mechanical Data

Coupling mechanisms	Screw-lock
Mating Cycles	≥ 500
Centre Contact	Soldered
Terminal Type	Solder cup
Captivated Type	Mechanical
Coupling Test Torque	1.7 Nm max.
Recommended Torque	0.7 Nm to 1.1 Nm

Environmental Data

Temperature Range	-55°C to +155°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