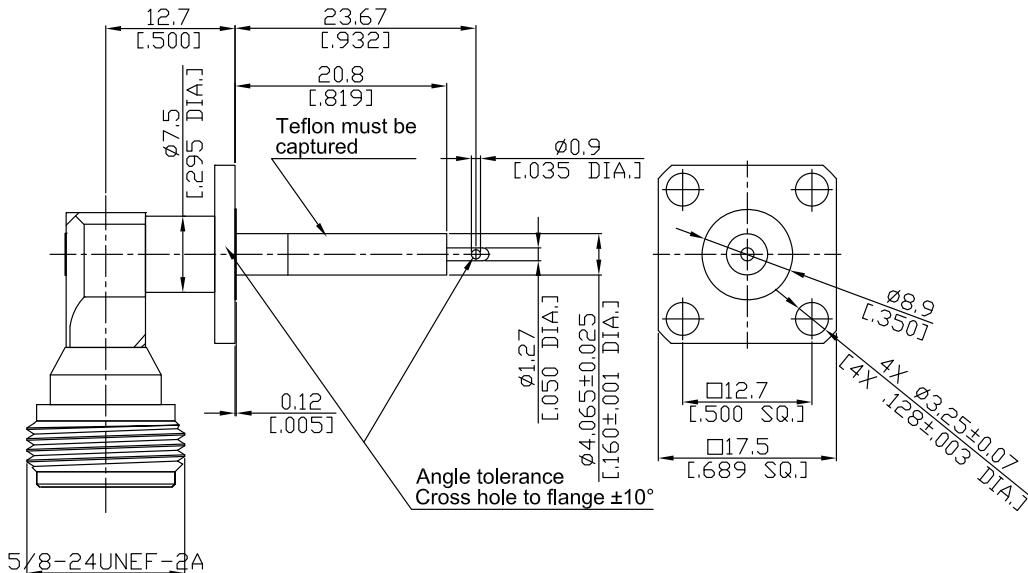
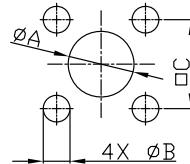


N Right-Angle Low PIM Jack (Female) Connector Non-Solder Attachment
 4 Hole Flange Mount Solder cup Terminal, 12.7mm (.500 inch) Hole Spacing DC-5GHz VSWR1.12

N2GFE59-4547C / 94-LP



Mounting Dimensions



	mm		inch	
	Max.	Min.	Max.	Min.
A	4.2	4.15	0.166	0.163
B	3.32	3.18	0.131	0.125
C	12.75	12.65	0.502	0.498

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 (MIL-G-45204, Type II, Grade C, Class 2)
Centre contact	Beryllium Copper	Gold plating, 100 microinches minimum
Body	Brass	Copper-Tin-Zinc-Alloy
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