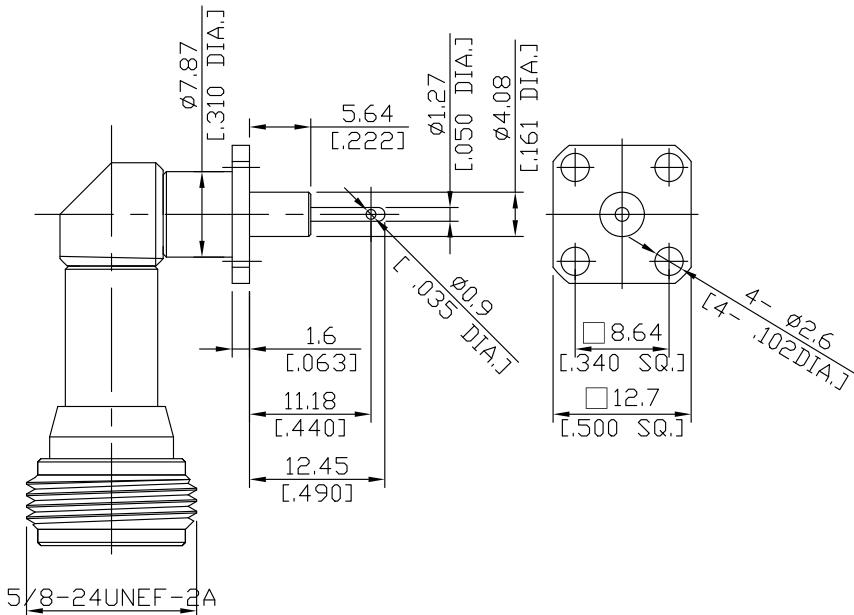


**N Right-Angle Jack (Female) Connector Solder Attachment 4 Hole Flange Mount
Solder cup Terminal, 8.64mm (.340 inch) Hole Spacing DC-5GHz VSWR1.12 Low PIM**

N2GFE59-3298B / 94-LP



Mounting Dimension					
		mm		inch	
		Max.	Min.	Max.	Min.
A		4.3	4.2	.169	.165
B		2.7	2.6	.106	.102
C		8.69	8.59	.342	.338

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 5 GHz

VSWR (Return Loss)

≤1.12 (≥24.94 dB)

Insertion Loss

≤ 0.05 x √F (GHz) 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 (at 20 °C, sea level, VSWR 1.0)

1000 W @ 1 GHz

700 W @ 2 GHz

RF-leakage

≤ 128 dB up to 1 GHz

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

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	Copper-Tin-Zinc Alloy
Insulator	PTFE	

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

N2GFE59-3298B / 94-LP

Mechanical Data

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. B
Shock	MIL-STD-202, Meth. 213, Cond. I
Moisture Resistance	MIL-STD-202, Meth. 106
RoHS	compliant

Packing

Single or 100