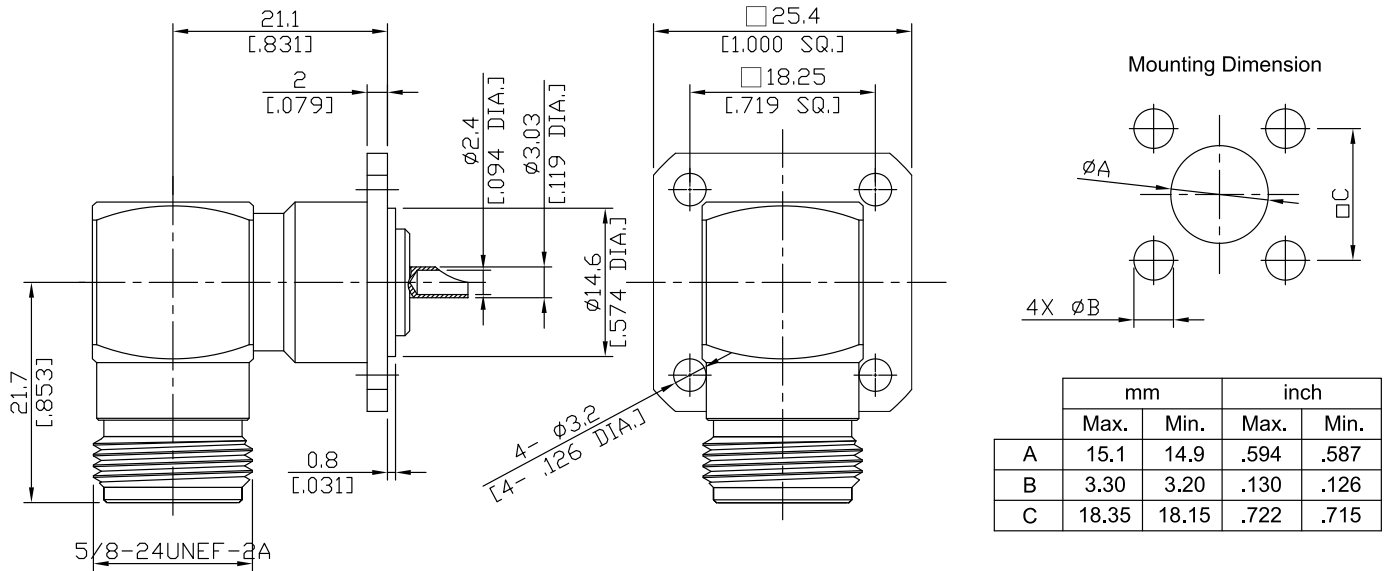


N Jack (Female) Right Angle Connector, 4 Hole Flange Mount, Solder Cup Terminal,
18.25 mm (.719") Hole Spacing, DC-11 GHz, VSWR 1.25

N2GFB59-3690A / 94



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)

≤ 1.25 (≥ 19.08 dB)

Insertion Loss

$\leq 0.1 \times \sqrt{F}$ (GHz) dB

Insulation Resistance

≥ 5 G Ω

Center Contact Resistance

≤ 1 m Ω

Outer Contact Resistance

≤ 0.25 m Ω

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	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Brass	Copper-Tin-Zinc-Alloy
Insulator	PTFE	

N Jack (Female) Right Angle Connector, 4 Hole Flange Mount, Solder Cup Terminal,
18.25 mm (.719") Hole Spacing, DC-11 GHz, VSWR 1.25

N2GFB59-3690A / 94

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	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