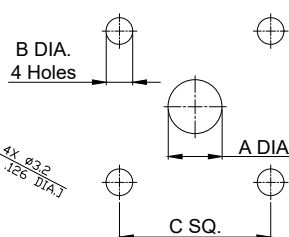
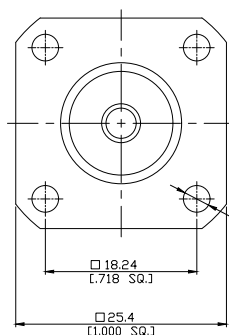
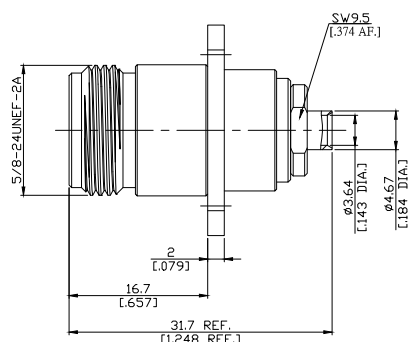


N Jack (Female) Connector Cable Entry: Soldered Contact Pin: Solder Clamp Attachment 4 Hole
Flange For RG402, .141" Cables, 18.24mm [.718 inch] Hole Spacing DC-11GHz VSWR1.25

N2KBF50-0141C / H3

MOUNTING DIMENSIONS



	mm		inch	
	MAX.	MIN.	MAX.	MIN.
A	14.8	14.7	.583	.579
B	3.3	3.2	.130	.126
C	18.34	18.14	.722	.714

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 11 GHz

VSWR (Return Loss)

≤ 1.25 (≥ 19.08 dB)

Insertion Loss

≤ 0.05 x √F (GHz) dB

Insulation Resistance

≥ 5 x 10³ MΩ

Center Contact Resistance

≤ 1 mΩ

Outer Contact Resistance

≤ 0.25 mΩ

Working voltage

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

Material And Plating

Connector parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Brass	Nickel
Insulator	PTFE	
Gasket	Silicone Rubber	

N Jack (Female) Connector Cable Entry: Soldered Contact Pin: Solder Clamp Attachment 4 Hole Flange For RG402, .141" Cables, 18.24mm [.718 inch] Hole Spacing DC-11GHz VSWR1.25

N2KBF50-0141C / H3

Mechanical Data

Coupling mechanisms	Screw-lock
Mating Cycles	min. 500
Centre Contact	Soldered
Cable entry	Solder Clamp
Center Contact Captivation: axial	≥ 28 N
radial	≥ 3 Ncm
Coupling Test Torque	max. 1.7 Nm
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. B
Shock	MIL-STD-202, Meth. 213, Cond. I
Moisture Resistance	MIL-STD-202, Meth. 106
RoHS	compliant

Suitable Cables

RG402, .141" Cables

Packing

Single or 100