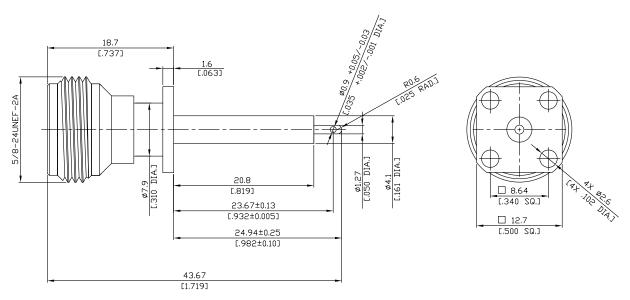


Technical Data Sheet

N Jack (Female) Connector Solder Attachment 4 Hole Flange Mount Solder cup Terminal, 8.64mm (.340 inch) Hole Spacing DC-5GHz VSWR1.10

N2GFE50-4364B / 90-LP



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

Electrical Data

Impedance Frequency

VSWR (Return Loss)

Insertion Loss

Center Contact Resistance Outer Contact Resistance

RF Leakage

Voltage Rating

Dielectric Withstanding Voltage

Power Handling

Insulation Resistance PIM level

- Electrical specifications guaranteed for connector only

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

50 Ω

DC to 5 GHz

1.3 - 2.3GHz: ≤1.08 (≥28.30 dB)

≤ 0.05 x √F (GHz) dB

 $\leq 1 \text{ m}\Omega$

 $\leq 1.0 \text{ m}\Omega$

≥ -90 dB

≥ 500 V rms

≥1000 V rms (@ 60 Hz; sea level)

1.3 - 2.3GHz: Avrg.: 250W/Peak: 400W 4.4 - 5GHz: Avrg.: 150W/Peak: 200W

≥ 5000 MΩ

≥ -150 dBc

4.4 - 5GHz: ≤1.10 (≥26.44 dB)

Material And Platin

Malerial And Flating		
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
Insulator	PTFE	

	The facts and figures herein are carefully compiled to the best of our	KOV.	Rosnol RF/Microwave Technology Co., Ltd.	Page
	knowledge, but they are intended for general informational purposes only.		www.rosnol.com; info@rosnol.com	l
	In the effort to improve our products, we reserve the right to make changes	Date:	Phone: +886-3-463-5095 / Fax: +886-3-463-5952	1/2
l	judged to be necessary.	JUL/16/2021	N-CAGE Code: SFKK0 / ISO9001 Certified	1/2



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N Jack (Female) Connector Solder Attachment 4 Hole Flange Mount Solder cup Terminal, 8.64mm (.340 inch) Hole Spacing DC-5GHz VSWR1.10

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Mechanical Data

 Coupling mechanisms
 Screw-lock

 Mating Cycles
 ≥ 500

 Centre Contact
 Soldered

 Terminal Type
 Solder cup

 Captivated Type
 Mechanical

 Pin Slots
 6 slot finge

 Center Contact Captivation
 ≥ 6.3 lbs (4

Coupling Nut Mating Torque Environmental Data

Temperature Range 40°C
Altitude Opera
RoHS comp
Humidity MIL-S
Vibration MIL-S

Thermal Shock Salt Atmosphere Solder cup
Mechanical
6 slot fingers
≥ 6.3 lbs (48 N)
≥ 8-10 lbs (0.90-1.13 N)

-40°C to +85°C

Operating: 1,000 ft/Storage: 40,000 ft compliant

MIL-STD-202, Method 103, Condition B MIL-STD-202, Method 204, Condition D MIL-STD-202, Method 213, Condition I MIL-STD-202, Method 107, Condition A-1 MIL-STD-202, Method 101E, Condition A

Single or 100

Packing

Shock