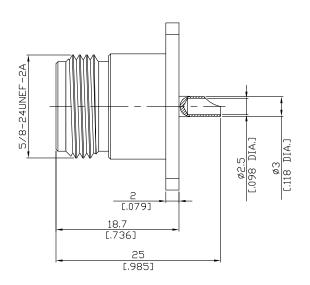
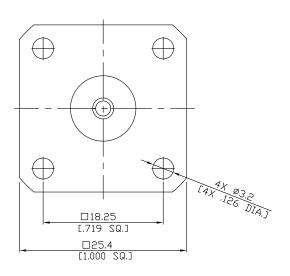


Technical Data Sheet

N Jack (Female) Connector Solder Attachment 4 Hole Flange Mount Solder cup Terminal, 18.25mm (.719 inch) Hole Spacing DC-11GHz VSWR1.20

N2GFB50-2500C / 9Y





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

Insulation Resistance

Center Contact Resistance

Outer Contact Resistance

Working Voltage (at sea level)

Power handling

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

50 Ω

DC to 11 GHz

≤ 1.20 (≥ 20.83 dB)

 \leq 0.1 x \sqrt{F} (GHz) dB

≥ 5 GΩ

≤ 1 mΩ

≤ 0.25 mΩ

500 V rms

1 GHz: 1000 W

2 GHz: 700 W

Material And Platina

maioriai / ma r ranng		
Piece Parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μinch
Cernie Cornaci		(Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Stainless Steel	Nickel
Insulator	PTFE	

The facts and figures herein are carefully compiled to the best of our		
knowledge, but they are intended for general informational purposes only.		
In the effort to improve our products, we reserve the right to make changes	_	
judged to be necessary.	1	

rev.:-	Rosnol RF/Microwave Technology Co., Ltd. www.rosnol.com; info@rosnol.com	Page
	Phone: +886-3-463-5095 / Fax: +886-3-463-5952	1/2



Technical Data Sheet

N Jack (Female) Connector Solder Attachment 4 Hole Flange Mount Solder cup Terminal, 18.25mm (.719 inch) Hole Spacing DC-11GHz VSWR1.20

N2GFB50-2500C / 9Y

Mechanical Data

Coupling mechanisms
Mating Cycles
Centre Contact
Terminal Type
Captivated Type
Coupling Test Torque
Recommended Torque

Environmental Data

Temperature Range
Thermal shock
Corrosion
Vibration
Shock
Moisture Resistance
RoHS

Packing

Screw-lock ≥ 500 Soldered Solder cup Mechanical 1.7 Nm max.

-55°C to +155°C

0.7 Nm to 1.1 Nm

MIL-STD-202, Meth. 107, Cond. B MIL-STD-202, Meth. 101, Cond. B MIL-STD-202, Meth. 204, Cond.D MIL-STD-202, Meth. 213, Cond. I MIL-STD-202, Meth. 106 compliant

Joinpliani

Single or 100

The facts and figures herein are carefully compiled to the best of our
knowledge, but they are intended for general informational purposes only.
In the effort to improve our products, we reserve the right to make changes
judged to be necessary.