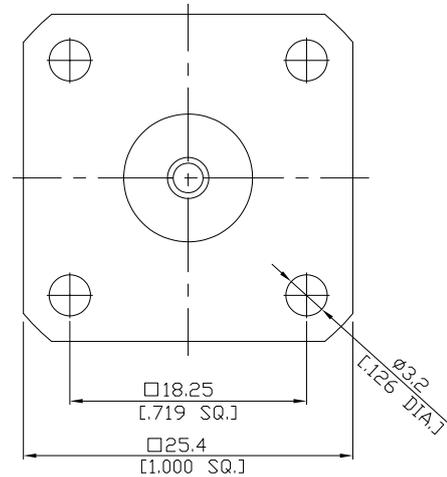
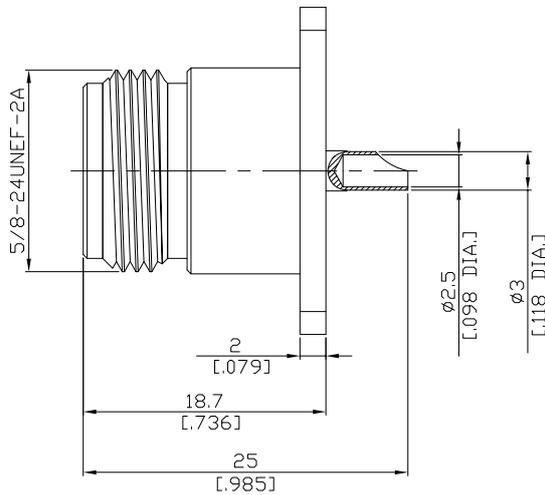


N Straight Panel Receptacle Jack
(Solder End)

N2GFB50-2500C/9Y



All dimensions are in mm [inch]
Tolerances according to DIN ISO 2768-mH

Interface

According to IEC 61169-16; CECC 22210; MIL-C-39012; MIL-STD-348A/304

Electrical Data

Impedance	50 Ω
Frequency	DC to 11 GHz
Volt rating	≤ 1000 V rms (@ sea level)
Corona, 70,000 ft	≥ 500 V rms
Dielectric withstanding voltage	≥ 2500 V rms (@ sea level)
Center contact resistance	≤ 1.0 Milliohms
Outer contact resistance	≤ 0.2 Milliohms
RF high potential	≥ 1500 V rms (5 MHz @ sea level)
Insulation resistance	≥ 5000 Megaohms

Mechanical Data

Coupling mechanisms	Screw-lock
Weight	N/A
Mating - insertion	≤ 2 lbs
Mating - withdrawal	≥ 2 oz
Force to engage-disengage	≤ 3 in-lbs
Axial center contact captivation	6 lbs
Radial center contact captivation	4 in-oz

**N Straight Panel Receptacle Jack
(Solder End)**

N2GFB50-2500C/9Y

Environmental Data

Temperature range	-65°C to +125°C
RoHS	compliant
Thermal shock	MIL-STD-202, Meth. 107, Cond. B
Corrosion	MIL-STD-202, Meth. 101, Cond. B (excl. high temperatures (+115 °C))
Vibration	MIL-STD-202, Meth. 204, Cond. B
Shock	MIL-STD-202, Meth. 213, Cond. I
Moisture resistance	MIL-STD-202, Meth. 106

Material And Plating

Piece Parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Stainless Steel	Nickel
Insulator	PTFE	

Packing

Single or 100

Related Document

Mounting Dimension	MD73
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