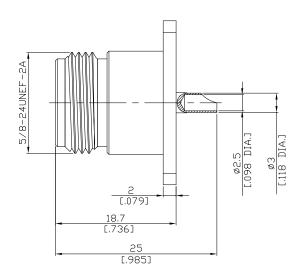
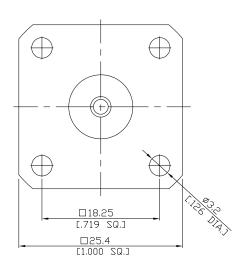


### Technical Data Sheet

## N Straight Panel Receptacle Jack (Solder End)

# N2GFB50-2500C/H3





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

Frequency

Volt rating

Corona, 70,000 ft

Dielectric withstanding voltage

Center contact resistance
Outer contact resistance

RF high potential Insulation resistance

50 Ω

DC to 11 GHz

≤ 1000 V rms (@ sea level)

 $\geq 500 \text{ V rms}$ 

≥ 2500 V rms (@ sea level)

≤ 1.0 Milliohms ≤ 0.2 Milliohms

 $\geq$  1500 V rms (5 MHz @ sea level)

≥ 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

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.

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### Technical Data Sheet

## N Straight Panel Receptacle Jack (Solder End)

## N2GFB50-2500C/H3

### 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  $^{\circ}\text{C}))$ 

Vibration

MIL-STD-202, Meth. 204, Cond. B MIL-STD-202, Meth. 213, Cond. I

Shock Moisture resistance

MIL-STD-202, Meth. 106

Material And Plating

· · · · · · · · · · · · · · · · · · ·		
Piece Parts	Material	Plating
Centre contact	Phosphor Bronze	Gold plating(Nickel underplated)
Body	Brass	Nickel
Insulator	PTFE	

### Packing

Single or 100

#### Related Document

Mounting Dimension

MD73