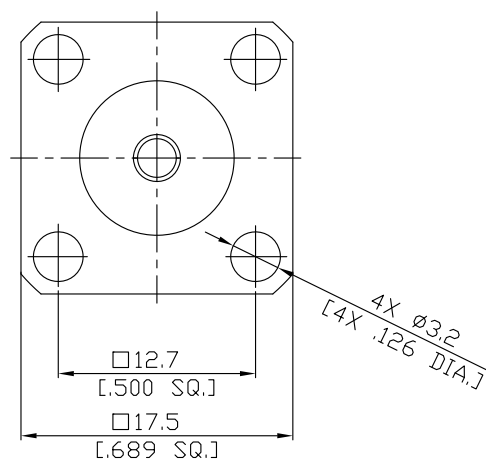
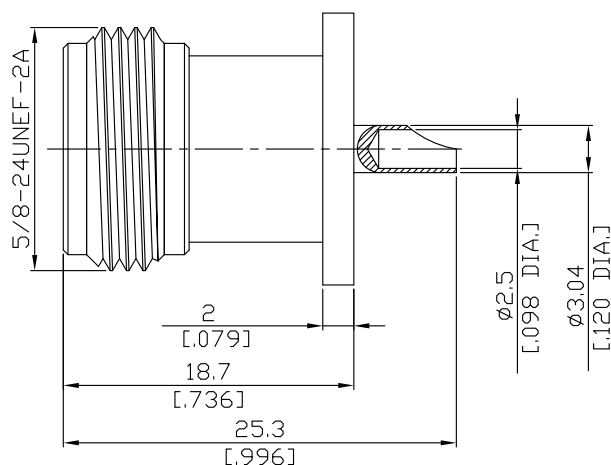


N Jack (Female) Connector Solder Attachment 4 Hole Flange Mount  
Solder cup Terminal, 12.7mm (.500 inch) Hole Spacing DC-11GHz VSWR1.20

**N2GFB50-2530A / H3**



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)

≤ 1.20 (≥ 20.83 dB)

Insertion Loss

≤ 0.1 × √F (GHz) dB

Insulation Resistance

≥ 5 GΩ

Center Contact Resistance

≤ 1 mΩ

Outer Contact Resistance

≤ 0.25 mΩ

Working Voltage (at sea level)

500 V rms

Power handling

1 GHz: 1000 W

2 GHz: 700 W

**Material And Plating**

| Piece Parts    | Material        | Plating                                                                          |
|----------------|-----------------|----------------------------------------------------------------------------------|
| Centre contact | Phosphor Bronze | Gold plating, 3 μinch<br>(Non-magnetic nickel-phosphorus underplating, 80 μinch) |
| Body           | Brass           | Nickel                                                                           |
| Insulator      | PTFE            |                                                                                  |

N Jack (Female) Connector Solder Attachment 4 Hole Flange Mount  
Solder cup Terminal, 12.7mm (.500 inch) Hole Spacing DC-11GHz VSWR1.20

## N2GFB50-2530A / H3

### Mechanical Data

|                      |                  |
|----------------------|------------------|
| Coupling mechanisms  | Screw-lock       |
| Mating Cycles        | ≥ 500            |
| Centre Contact       | Soldered         |
| Terminal Type        | Solder cup       |
| Captivated Type      | Mechanical       |
| Coupling Test Torque | 1.7 Nm max.      |
| 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.D  |
| Shock               | MIL-STD-202, Meth. 213, Cond. I |
| Moisture Resistance | MIL-STD-202, Meth. 106          |
| RoHS                | compliant                       |

### Packing

Single or 100