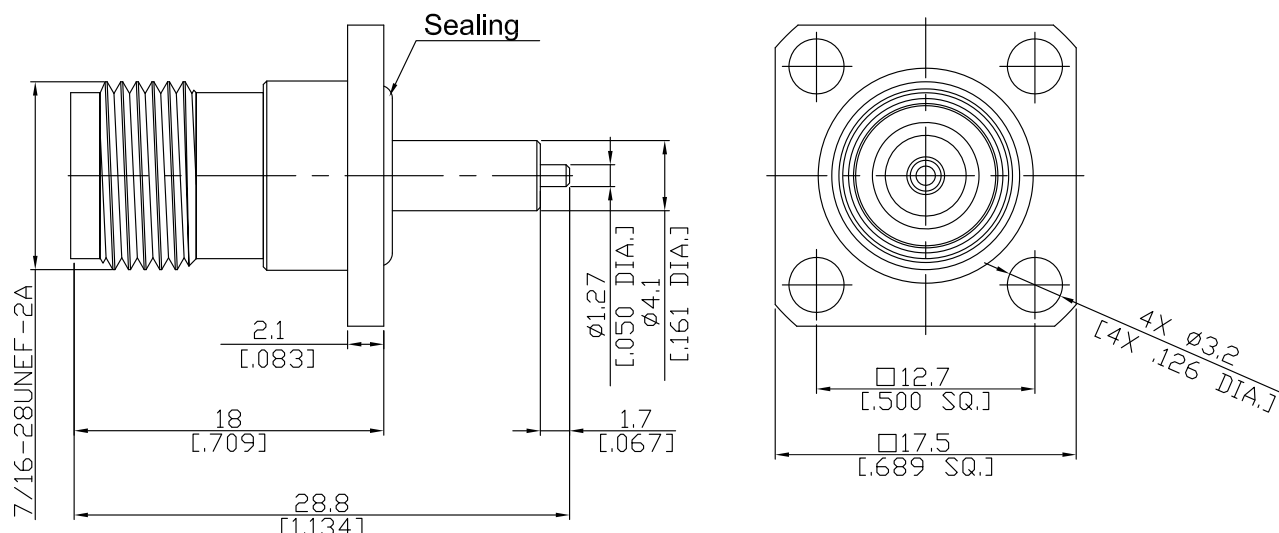


TNC Jack (female) Connector Solder Attachment 4 Hole Flange Mount  
Stub Terminal, 12.7mm (.500 inch) Hole Spacing DC-4GHz VSWR1.09

**TNC2GFA50-2880A / H3**



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**Interface**

According to

MIL-STD-348B/313; IEC 60169-17

**Electrical Data**

|                                |                        |
|--------------------------------|------------------------|
| Impedance                      | 50 Ω                   |
| Frequency                      | DC to 4 GHz            |
| VSWR (Return Loss)             | ≤ 1.09 (≥ 27 dB)       |
| Insertion Loss                 | ≤ 0.05 dB, DC to 4 GHz |
| Insulation Resistance          | ≥ 5 GΩ                 |
| Center Contact Resistance      | ≤ 1.5 mΩ               |
| Outer Contact Resistance       | ≤ 1 mΩ                 |
| Working Voltage (at sea level) | 500 V rms              |
| Test voltage                   | 1500 V rms             |
| Power handling                 | 80 W @ 2 GHz           |

**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            |  |
| Gasket         | Silicone Rubber |  |

**TNC Jack (female) Connector Solder Attachment 4 Hole Flange Mount  
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## TNC2GFA50-2880A / H3

### Mechanical Data

|                      |                    |
|----------------------|--------------------|
| Coupling mechanisms  | Screw-lock         |
| Mating Cycles        | ≥ 500              |
| Centre Contact       | Soldered           |
| Terminal Type        | Stub               |
| Captivated Type      | Mechanical         |
| Coupling Test Torque | 1.7 Nm max.        |
| Recommended Torque   | 0.46 Nm to 0.69 Nm |

### Environmental Data

|                     |                                 |
|---------------------|---------------------------------|
| Temperature Range   | -65°C to +165°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. B |
| Shock               | MIL-STD-202, Meth. 213, Cond. G |
| Moisture Resistance | MIL-STD-202, Meth. 106          |
| RoHS                | compliant                       |

### Packing

Single or 100