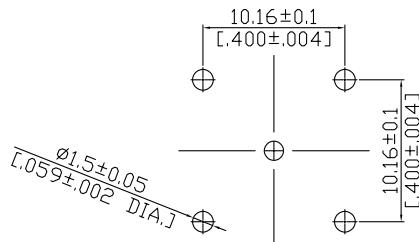
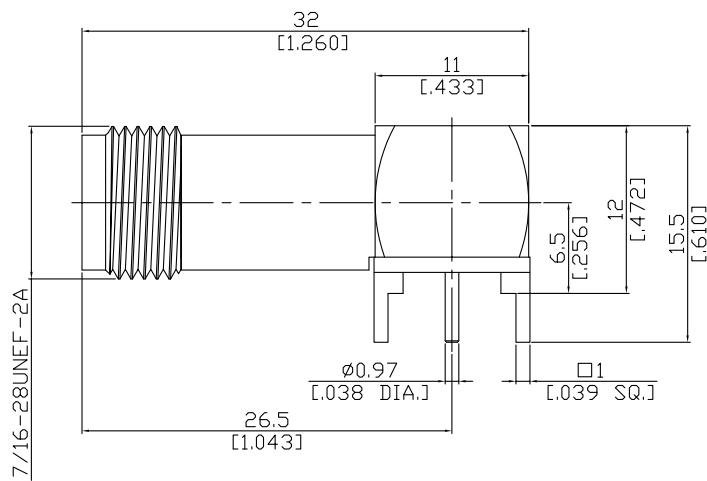




**TNC Jack (Female) Connector PCB Through Holes Right Angle
Solder Attachment DC-4GHz VSWR≤1.20**

TNC2I59-3200A / H4



Recommended
Mounting Dimensions

All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 60169-17, MIL-C-39012

MIL-STD-348B/313-1, MIL-STD-348B/313-2

Electrical Data

| | |
|--|------------------------|
| Impedance | 50 Ω |
| Frequency | DC to 4 GHz |
| VSWR (Return Loss) | ≤ 1.20 (≥ 20.83 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 |
| Test Voltage | 1500 V rms |
| Working Voltage (at sea level) | 500 V rms |
| Power Handling (at 20 °C, sea level, VSWR 1.0) | ≤ 80 W @ 2 GHz |

Material And Plating

| Connector parts | Material | Plating |
|-----------------|-----------------|----------------------------------|
| Centre contact | Phosphor Bronze | Gold plating(Nickel underplated) |
| Body | Brass | Copper-Tin-Zinc Alloy |
| 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.

Rev.:-
Date:
JUL/16/2021

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TNC Jack (Female) Connector PCB Through Holes Right Angle
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TNC2I59-3200A / H4

Mechanical Data

| | |
|-----------------------------------|--------------------|
| Coupling mechanisms | Screw-lock |
| Mating Cycles | ≥ 500 |
| Centre Contact | Soldered |
| Captivated Type | Mechanical |
| Center Contact Captivation: axial | ≥ 15 N |
| Coupling Test Torque | 1.7 Nm max. |
| Recommended Torque | 0.46 Nm to 0.69 Nm |

Environmental Data

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

Packing

Single or 100