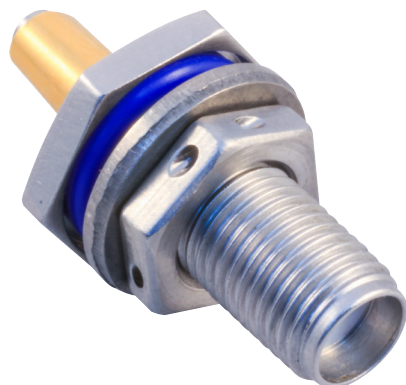




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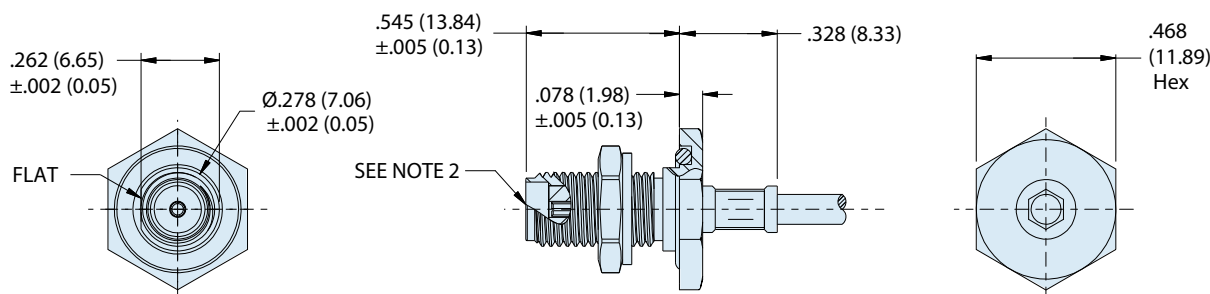
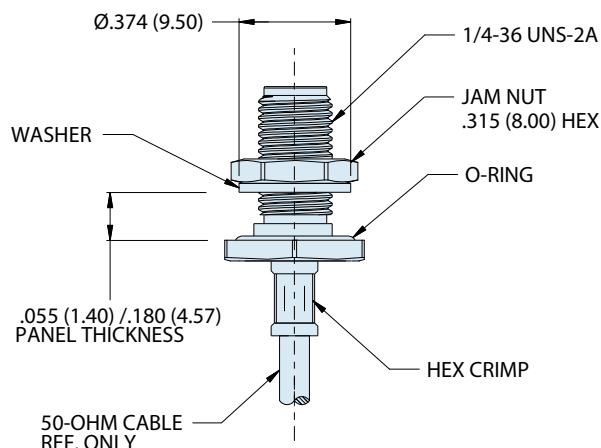
50 Ohm SMA Coax Connector

Hermetic • Jam-Nut Mount



Product
Series

GRF01-0007



JAM NUT OMITTED
FOR CLARITY

APPLICATION NOTES

1. PERFORMANCE:

- Temperature range: -65°C to +125°C
- Hermeticity: $< 1 \times 10^{-7}$ cc/sec of helium at one atmosphere Delta P.
- Impedance: 50 ohms nom.
- Frequency range: DC-10 GHz
- VSWR: 1.20:1 DC to 3 GHz
- Insertion loss: .2 dB, DC to 3 GHz
- DWV: 1000 VRMS at sea level
- IR: 5000 megohms minimum, room temperature

2. Connector interface per MIL-STD-348, Series SMA, socket contact

3. Material/Finish:

- Shell: stainless steel 304L / passivated
- Mounting nut, washer: stainless steel 303 / passivated
- Hermetic seal contact: alloy 52 / gold plated
- Front socket and rear contacts: copper alloy / gold Plated
- Insulator: PTFE / N.A.
- Fused vitreous glass / N.A.
- O-ring: fluorosilicone per MIL-DTL-25988 or equivalent / N.A.

Dimensions in Inches (millimeters) are subject to change without notice.

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