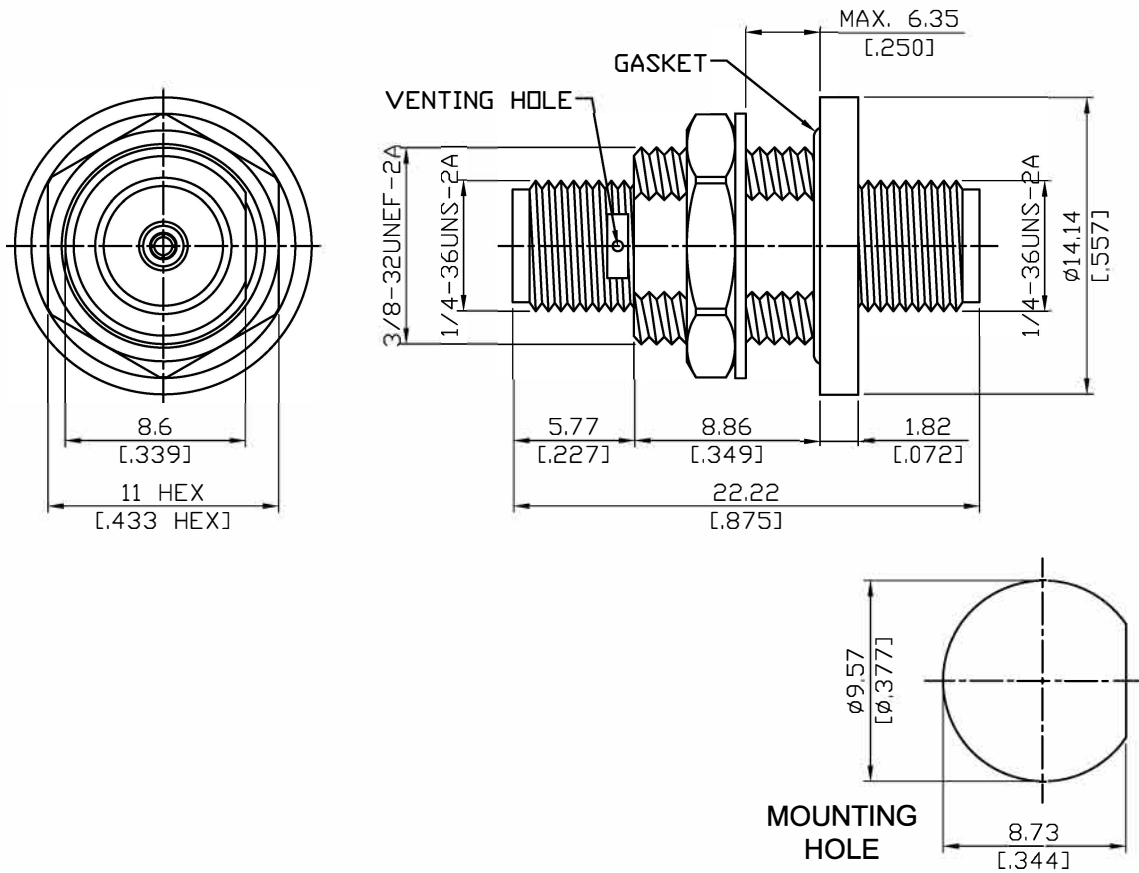


ADS-K8K8-BF-GBVH-1.15

Hermetic 1×10^{-8} atm cc/sec & bulkhead side thermo vaccum 1×10^{-6} Torr
2.92mm jack to 2.92mm jack bulkhead, 40GHz VSWR 1.15

50Ω



| Parts | Material | Plating (Micro-inch) |
|-------------|------------------|---|
| Hex Nut | Stainless Steel | Passivated |
| Lock Washer | Stainless Steel | Passivated |
| Gasket | VITON | |
| Glass Seal | Kovar+Glass | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 |
| Contact Pin | Beryllium Copper | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 |
| Insulator | PEI | |
| Flange Body | Stainless Steel | Gold 5 Over Nickel 50 |
| Body | Stainless Steel | Passivated |

This part number complies with RoHS.

Notice: JYEBAO reserves the right to make modifications deemed appropriate.

ADS-K8K8-BF-GBVH-1.15

Hermetic 1×10^{-8} atm cc/sec & bulkhead side thermo vacuum 1×10^{-6} Torr
2.92mm jack to 2.92mm jack bulkhead, 40GHz VSWR 1.15**Interface**

| | |
|------------------------------|--------------|
| Standard | MIL-STD-348B |
| Mechanically compatible with | 3.5 & SMA |

Electrical Data

| | |
|--|--------------------------------------|
| Impedance | 50Ω |
| Frequency Range | DC to 40GHz |
| VSWR | ≤ 1.15 (DC To 40GHz) |
| Insertion Loss | $\leq 0.08 \times \sqrt{f}$ (GHz) dB |
| Insulation Resistance | $\geq 5000\text{M}\Omega$ |
| Dielectric Withstanding Voltage (at sea level) | 750 V rms |
| Working Voltage (at sea level) | 250 V rms |
| RF Leakage | $\geq 100\text{dB}$ to 1GHz |

Mechanical Data

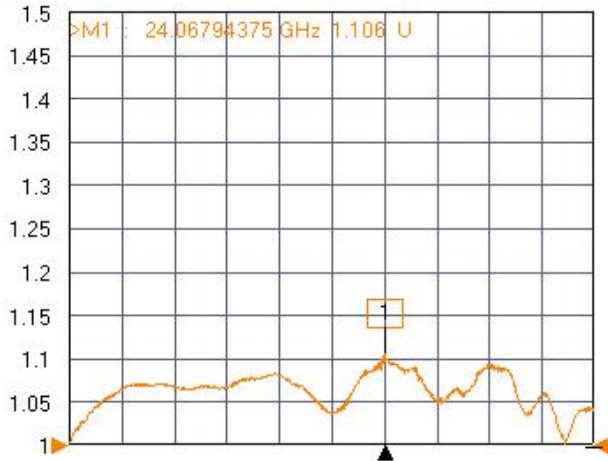
| | |
|---------------------------------|----------------|
| Recommended Coupling Nut Torque | 11.47 in-lbs |
| Coupling Proof Torque | 15 in-lbs |
| Contact Captivation-axial | ≥ 4.9 lbs |
| Durability (mating) | ≥ 500 |

Environmental Data

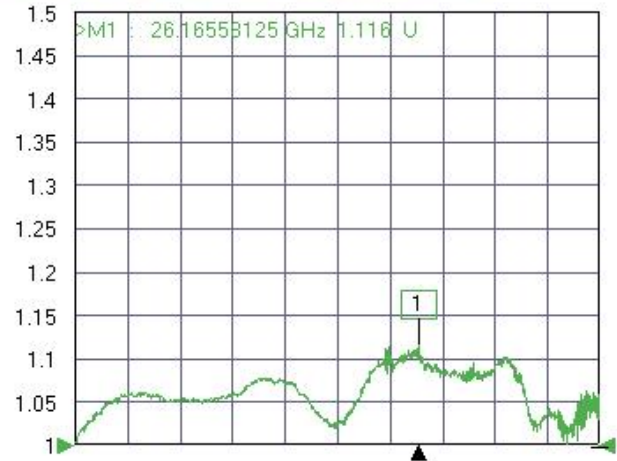
| | |
|---------------------|--------------------------------------|
| Temperature Range | -10°C to +165°C |
| Thermal Shock | MIL-STD-202, Method 107, Condition B |
| Moisture Resistance | MIL-STD-202, Method 206 |
| Corrosion | MIL-STD-202, Method 101, Condition B |
| RoHS | Compliant |

ADS-K8K8-BF-GBVH-1.15

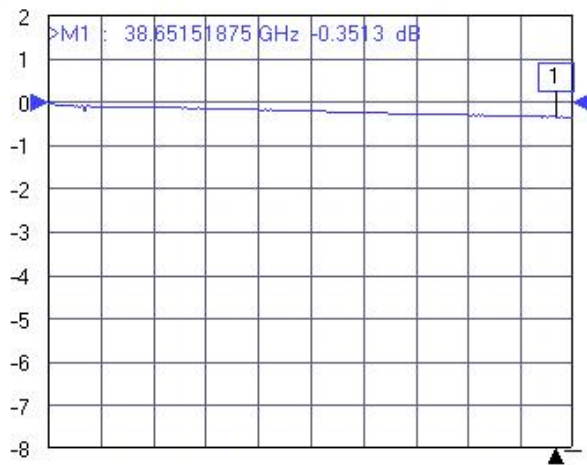
Tr1 S11 Refl SWR RefLvl: 1 U Res: 50 mU/Div



Tr2 S22 Refl SWR RefLvl: 1 U Res: 50 mU/Div



Tr3 S21 Trans LogM RefLvl: 0 dB Res: 1 dB/Div



Tr4 S12 Trans LogM RefLvl: 0 dB Res: 1 dB/Div

