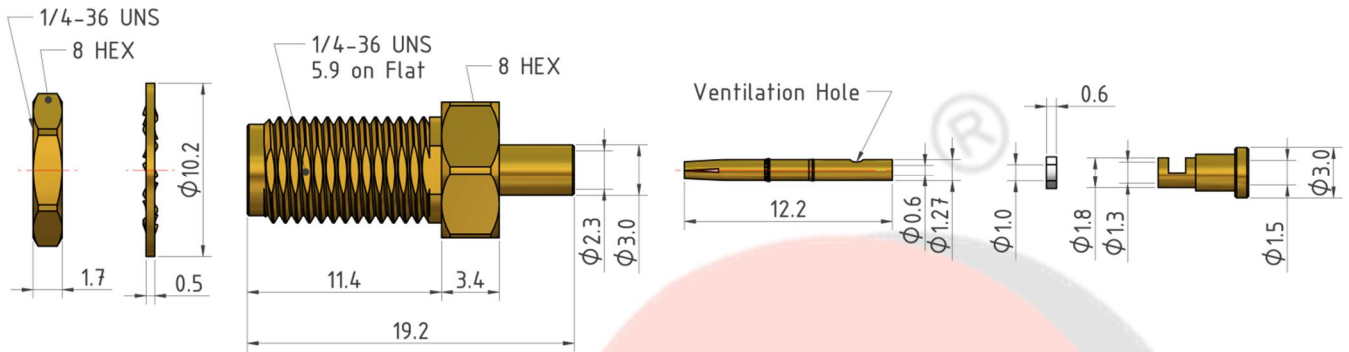


Part Number : 012-2168-C04-P6

Description : SMA Bulkhead Jack, Crimp Type for 1.37 Cable

Drawing :



Materials and Finishes

| | | |
|---------------|-------|-------------------|
| Body | Brass | Gold Plating |
| Insulator | PTFE | None |
| Inner Contact | BeCu | 10u" Gold Plating |
| Bushing | PTFE | None |
| Inner Tube | Brass | Gold Plating |

Technical Data

Electrical Data:

| | |
|---------------------------------|--|
| Impedance | 50 Ω |
| Frequency Range | DC to 12.4 GHz |
| Voltage Rating | 500 V rms. (Depending on Cable) |
| Insulator Resistance | $\geq 5 \text{ G}\Omega$ |
| Dielectric Withstanding Voltage | 1000 V rms. |
| Contact Resistance | Inner Contact : $\leq 3 \text{ m}\Omega$ Outer Contact : $\leq 2.5 \text{ m}\Omega$ |

Mechanical Data :

| | |
|------------------------------|------------------------------|
| Mating | 1/4-36 UNS Screw-on Coupling |
| Recommended Mating Torque | 7.1 ~ 9.7 lbs |
| Coupling Nut Retention Force | $\geq 60.7 \text{ lbs}$ |

Environmental Data :

| | |
|------------------------|---|
| Temperature Range | -65 to 165 °C |
| Corrosion (Salt Spray) | MIL-STD-202, Method 101, Cond. B |
| Thermal Shock | MIL-STD-202, Method 107, Cond. B |
| Mechanical | MIL-STD-202, Method 213, Cond. I |
| Vibration | MIL-STD-202, Method 204, Cond. D |
| 2011/65/EU (RoHS) | Compliant with Exemption 6(c) |
| REACH SVHC | Compliant (Based on The Latest SVHC Candidate List) |

Misc. Information (Recommended)

| | | |
|--|--------------------------|--|
| Cable Stripping Dimensions (Conductor/Dielectric/Braid) | 2.5 / 0.7 / 2.6 mm | |
| Assembling Method | Inner Contact Mandril | Solder or Crimp (SQ .036" or HEX .043") Crimp (HEX .100") |
| Recommended Hand Tool | Inner Contact Mandril | N/A HT-909M |
| Cable Group | 1.37 Cable | |
| Weight | 4.3g | |
| Packaging | Single Pack | |
| Location of Manufacture | Taiwan | |