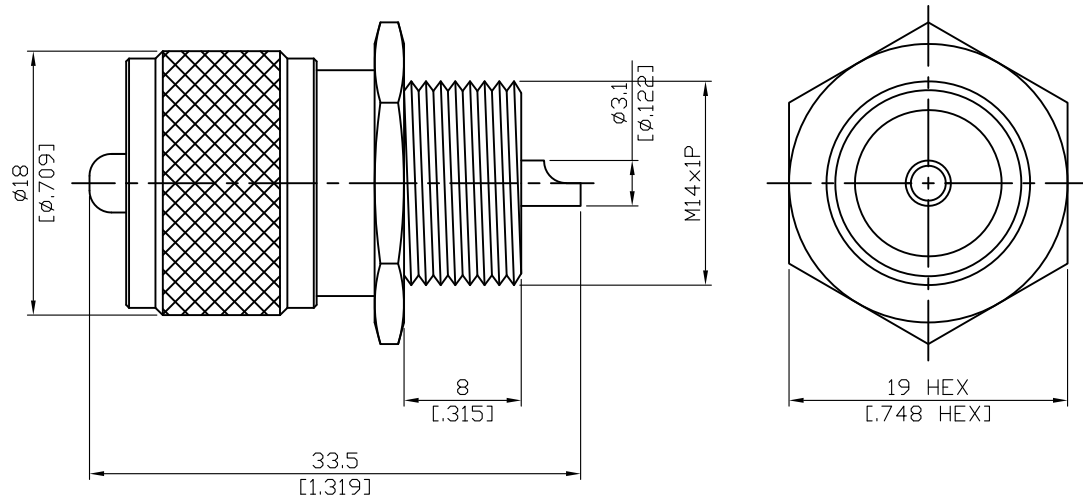


UHF3500-0000

UHF Plug Bulkhead With Solder Cup
300MHz VSWR 1.2

50Ω



| Parts | Material | Plating (Micro-inch) |
|---------------|----------|---|
| Coupling Nut | Brass | Tin-Zinc-Copper-Alloy 100 Over Copper 50 |
| Body | Brass | Tin-Zinc-Copper-Alloy 100 Over Copper 50 |
| Insulator | Teflon | |
| Contact Pin | Brass | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 |
| Retainer Ring | Brass | Tin-Zinc-Copper-Alloy 100 Over Copper 50 |

This part number complies with RoHS.

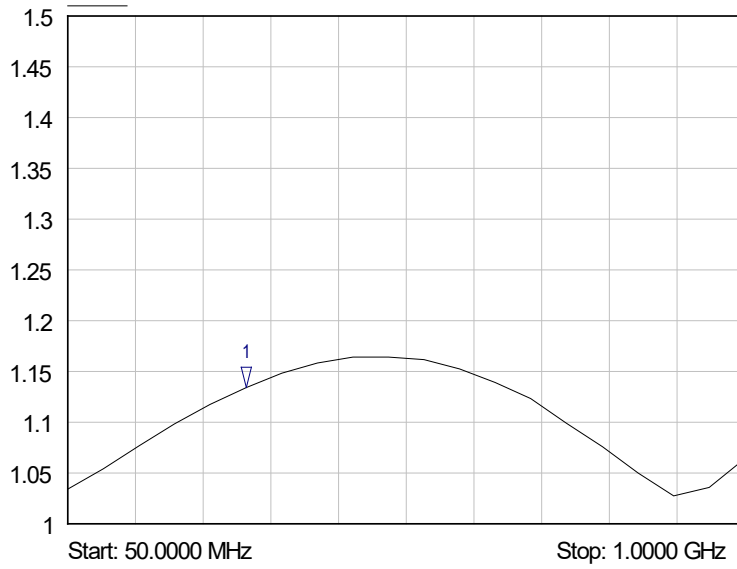
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

| UHF | UHF3500-0000 | | | | | | | | | | | | | | | | | | |
|--|--------------------------------------|-------------------|-----------------|-----------------|--------------------------------------|---------------------|---------------------------|-----------------------|--------------------------------------|------------------------------------|-----------------|------------------------------------|-----------------|--|------------|--------------------------------|-----------|----------------|---------------|
| <div data-bbox="113 327 513 376" style="border: 1px solid black; padding: 2px;">Interface</div> <p>IEC 60169-12</p> | | | | | | | | | | | | | | | | | | | |
| <div data-bbox="113 490 513 539" style="border: 1px solid black; padding: 2px;">Electrical Data</div> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Impedance</td> <td style="width: 50%;">Non constant</td> </tr> <tr> <td>Frequency range</td> <td>300MHz</td> </tr> <tr> <td>VSWR</td> <td>≤ 1.2 (DC to 300MHz)</td> </tr> <tr> <td>Insulation resistance</td> <td>$\geq 5000\Omega$</td> </tr> <tr> <td>Contact resistance inner conductor</td> <td>$\leq 5m\Omega$</td> </tr> <tr> <td>Contact resistance outer conductor</td> <td>$\leq 3m\Omega$</td> </tr> <tr> <td>Dielectric withstanding voltage (at sea level)</td> <td>2000 V rms</td> </tr> <tr> <td>Working Voltage (at sea level)</td> <td>750 V rms</td> </tr> <tr> <td>Power Handling</td> <td>400W (300MHz)</td> </tr> </table> | | Impedance | Non constant | Frequency range | 300MHz | VSWR | ≤ 1.2 (DC to 300MHz) | Insulation resistance | $\geq 5000\Omega$ | Contact resistance inner conductor | $\leq 5m\Omega$ | Contact resistance outer conductor | $\leq 3m\Omega$ | Dielectric withstanding voltage (at sea level) | 2000 V rms | Working Voltage (at sea level) | 750 V rms | Power Handling | 400W (300MHz) |
| Impedance | Non constant | | | | | | | | | | | | | | | | | | |
| Frequency range | 300MHz | | | | | | | | | | | | | | | | | | |
| VSWR | ≤ 1.2 (DC to 300MHz) | | | | | | | | | | | | | | | | | | |
| Insulation resistance | $\geq 5000\Omega$ | | | | | | | | | | | | | | | | | | |
| Contact resistance inner conductor | $\leq 5m\Omega$ | | | | | | | | | | | | | | | | | | |
| Contact resistance outer conductor | $\leq 3m\Omega$ | | | | | | | | | | | | | | | | | | |
| Dielectric withstanding voltage (at sea level) | 2000 V rms | | | | | | | | | | | | | | | | | | |
| Working Voltage (at sea level) | 750 V rms | | | | | | | | | | | | | | | | | | |
| Power Handling | 400W (300MHz) | | | | | | | | | | | | | | | | | | |
| <div data-bbox="113 1081 513 1131" style="border: 1px solid black; padding: 2px;">Environmental Data</div> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Temperature range</td> <td style="width: 50%;">-65°C to +165°C</td> </tr> <tr> <td>Thermal shock</td> <td>MIL-STD-202, Method 107, Condition B</td> </tr> <tr> <td>Moisture resistance</td> <td>MIL-STD-202, Method 106</td> </tr> <tr> <td>Corrosion</td> <td>MIL-STD-202, Method 101, Condition B</td> </tr> <tr> <td>RoHS</td> <td></td> </tr> </table> | | Temperature range | -65°C to +165°C | Thermal shock | MIL-STD-202, Method 107, Condition B | Moisture resistance | MIL-STD-202, Method 106 | Corrosion | MIL-STD-202, Method 101, Condition B | RoHS | | | | | | | | | |
| Temperature range | -65°C to +165°C | | | | | | | | | | | | | | | | | | |
| Thermal shock | MIL-STD-202, Method 107, Condition B | | | | | | | | | | | | | | | | | | |
| Moisture resistance | MIL-STD-202, Method 106 | | | | | | | | | | | | | | | | | | |
| Corrosion | MIL-STD-202, Method 101, Condition B | | | | | | | | | | | | | | | | | | |
| RoHS | | | | | | | | | | | | | | | | | | | |
| <div data-bbox="113 1435 513 1485" style="border: 1px solid black; padding: 2px;">Tooling</div> | | | | | | | | | | | | | | | | | | | |

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UHF3500-0000

SoftPlot Measurement Presentation
VSWR S11



1 S11
▽ 300.0000 MHz
1.13 VSWR