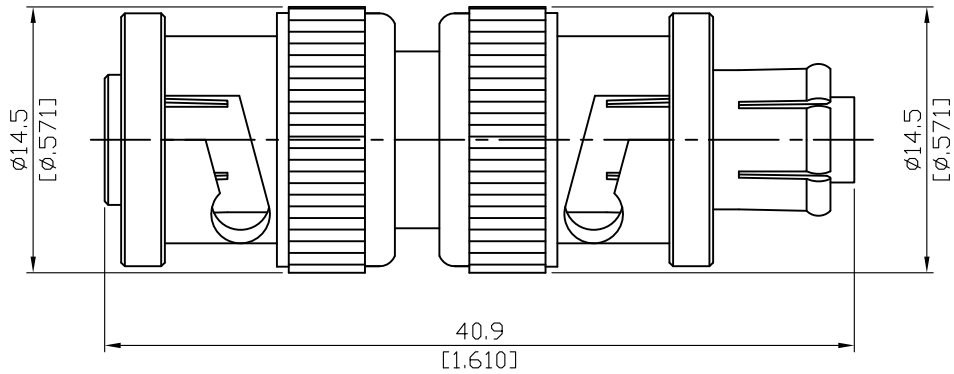


AD-H3V3

MHV Plug To SHV Plug
0.3GHz 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 | Beryllium Copper | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 |
| Spring | SK5 | Tin-Zinc-Copper-Alloy 100 Over Copper 50 |
| Washer | Brass | Tin-Zinc-Copper-Alloy 100 Over Copper 50 |
| Gasket | Silicone | |

This part number complies with RoHS.

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

| AD-H3V3 | MHV Plug To SHV Plug 0.3GHz VSWR 1.2 | | | | | | | | | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|---------------------------------|-------------------|------------------------------|--------------------------------------|---------------------------|-------------------------|-----------------------|--------------------------------------|------------------------------------------------|------------|--------------------------------|------------|
| <div data-bbox="129 344 531 389" style="border: 1px solid black; padding: 2px;">Interface</div> <p data-bbox="129 398 264 434">Standard</p> | <div data-bbox="911 353 991 389">MHV</div> <hr/> <div data-bbox="839 403 1059 439">MIL-STD-348B</div> | <div data-bbox="1257 353 1337 389">SHV</div> <hr/> <div data-bbox="1182 403 1402 439">MIL-STD-348B</div> | | | | | | | | | | | | |
| <div data-bbox="129 562 531 607" style="border: 1px solid black; padding: 2px;">Electrical Data</div> <table data-bbox="129 616 1481 896"> <tr> <td data-bbox="129 616 791 651">Impedance</td> <td data-bbox="791 616 1481 651" style="text-align: center;">50Ω</td> </tr> <tr> <td data-bbox="129 660 791 696">Frequency Range</td> <td data-bbox="791 660 1481 696" style="text-align: center;">DC to 0.3GHz</td> </tr> <tr> <td data-bbox="129 705 791 741">VSWR</td> <td data-bbox="791 705 1481 741" style="text-align: center;">≤ 1.2 (DC To 0.3GHz)</td> </tr> <tr> <td data-bbox="129 750 791 786">Insulation Resistance</td> <td data-bbox="791 750 1481 786" style="text-align: center;">≥ 5000MΩ</td> </tr> <tr> <td data-bbox="129 795 791 831">Dielectric Withstanding Voltage (at sea level)</td> <td data-bbox="791 795 1481 831" style="text-align: center;">5000 V rms</td> </tr> <tr> <td data-bbox="129 840 791 875">Working Voltage (at sea level)</td> <td data-bbox="791 840 1481 875" style="text-align: center;">1600 V rms</td> </tr> </table> | | | Impedance | 50Ω | Frequency Range | DC to 0.3GHz | VSWR | ≤ 1.2 (DC To 0.3GHz) | Insulation Resistance | ≥ 5000MΩ | Dielectric Withstanding Voltage (at sea level) | 5000 V rms | Working Voltage (at sea level) | 1600 V rms |
| Impedance | 50Ω | | | | | | | | | | | | | |
| Frequency Range | DC to 0.3GHz | | | | | | | | | | | | | |
| VSWR | ≤ 1.2 (DC To 0.3GHz) | | | | | | | | | | | | | |
| Insulation Resistance | ≥ 5000MΩ | | | | | | | | | | | | | |
| Dielectric Withstanding Voltage (at sea level) | 5000 V rms | | | | | | | | | | | | | |
| Working Voltage (at sea level) | 1600 V rms | | | | | | | | | | | | | |
| <div data-bbox="129 1014 531 1059" style="border: 1px solid black; padding: 2px;">Mechanical Data</div> <table data-bbox="129 1068 1481 1245"> <tr> <td data-bbox="129 1068 791 1104">Recommended Coupling Nut Torque</td> <td data-bbox="791 1068 1481 1104" style="text-align: center;">0.6 to 2.5 in-lbs</td> </tr> <tr> <td data-bbox="129 1113 791 1149">Coupling Nut Retention Force</td> <td data-bbox="791 1113 1481 1149" style="text-align: center;">≥ 101.2 lbs</td> </tr> <tr> <td data-bbox="129 1158 791 1193">Contact Captivation-axial</td> <td data-bbox="791 1158 1481 1193" style="text-align: center;">≥ 6.1 lbs</td> </tr> <tr> <td data-bbox="129 1202 791 1238">Durability (mating)</td> <td data-bbox="791 1202 1481 1238" style="text-align: center;">≥ 500</td> </tr> </table> | | | Recommended Coupling Nut Torque | 0.6 to 2.5 in-lbs | Coupling Nut Retention Force | ≥ 101.2 lbs | Contact Captivation-axial | ≥ 6.1 lbs | Durability (mating) | ≥ 500 | | | | |
| Recommended Coupling Nut Torque | 0.6 to 2.5 in-lbs | | | | | | | | | | | | | |
| Coupling Nut Retention Force | ≥ 101.2 lbs | | | | | | | | | | | | | |
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| Durability (mating) | ≥ 500 | | | | | | | | | | | | | |
| <div data-bbox="129 1368 531 1413" style="border: 1px solid black; padding: 2px;">Environmental Data</div> <table data-bbox="129 1422 1481 1644"> <tr> <td data-bbox="129 1422 791 1458">Temperature Range</td> <td data-bbox="791 1422 1481 1458" style="text-align: center;">-65°C to +165°C</td> </tr> <tr> <td data-bbox="129 1467 791 1503">Thermal Shock</td> <td data-bbox="791 1467 1481 1503" style="text-align: center;">MIL-STD-202, Method 107, Condition B</td> </tr> <tr> <td data-bbox="129 1512 791 1547">Moisture Resistance</td> <td data-bbox="791 1512 1481 1547" style="text-align: center;">MIL-STD-202, Method 206</td> </tr> <tr> <td data-bbox="129 1556 791 1592">Corrosion</td> <td data-bbox="791 1556 1481 1592" style="text-align: center;">MIL-STD-202, Method 101, Condition B</td> </tr> <tr> <td data-bbox="129 1601 791 1637">RoHS</td> <td data-bbox="791 1601 1481 1637" style="text-align: center;">Compliant</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 206 | Corrosion | MIL-STD-202, Method 101, Condition B | RoHS | Compliant | | |
| Temperature Range | -65°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 | | | | | | | | | | | | | |

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AD-H3V3

SoftPlot Measurement Presentation
VSWR S22



1 S22
▽ 0.3500 GHz
1.20 VSWR