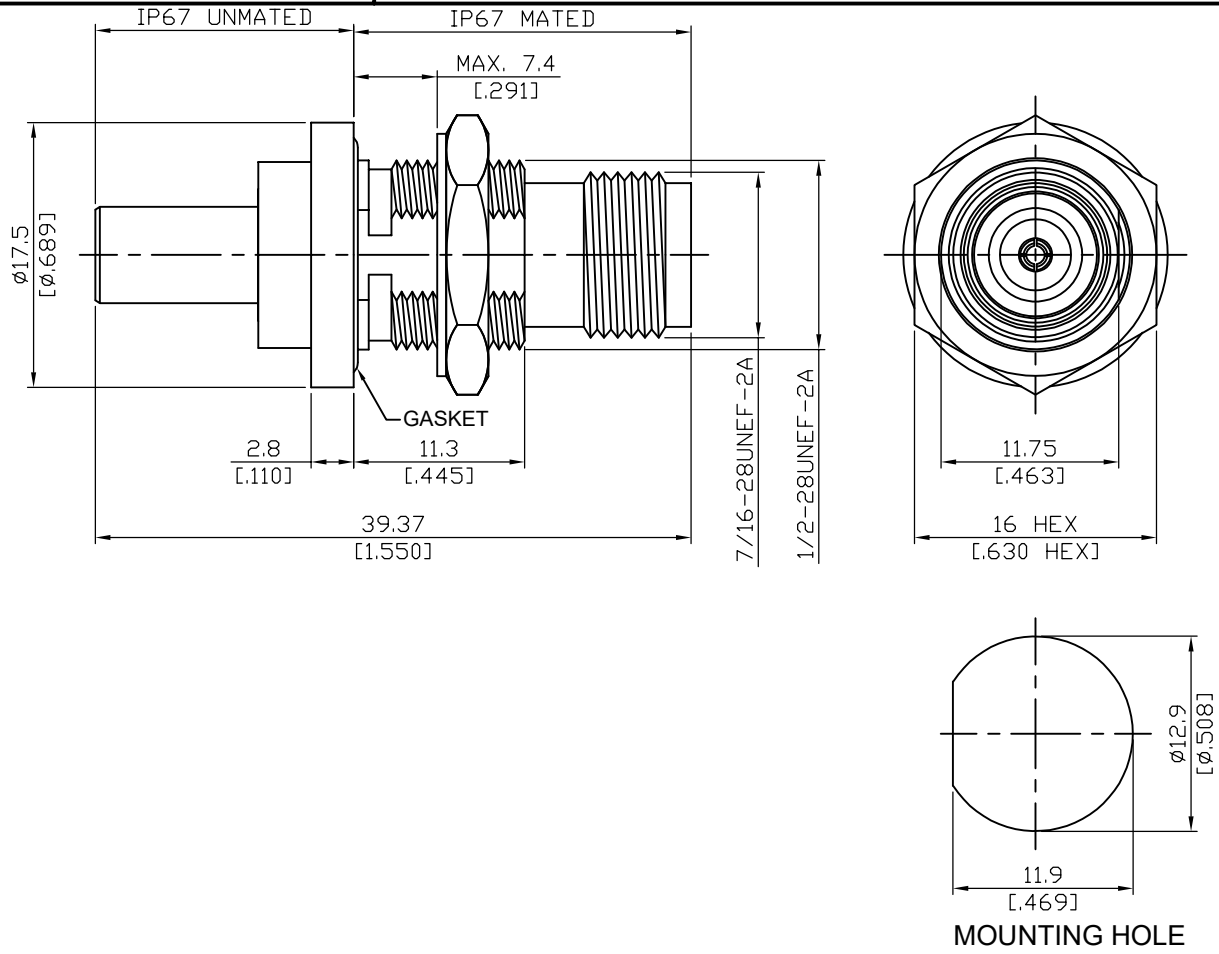


| | | |
|--------------------------|---|------------|
| AD-QL8T8-BF/IP67U | QLR Jack IP67 Unmated to TNC Jack Bulkhead IP67 Mated; 1.4GHz VSWR 1.2 | 50Ω |
|--------------------------|---|------------|



| Parts | Material | Plating (Micro-inch) |
|-------------------|------------------|---|
| Insulator | Teflon | |
| Gasket | Silicone | |
| Contact Pin | Beryllium Copper | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 |
| Other Metal Parts | Brass | Tin-Zinc-Copper-Alloy 100 Over Copper 50 |

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This part number complies with RoHS.
 Notice: JYEBAO reserves the right to make modifications deemed appropriate.

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|----------------|-----|-------------------|-------------------------------|--------------|---------------------------------|--------------------------------------|----------------|-----------------------|-------------------------|-----------|----------------------------|--------------------------------------|----|--|------------------|----|--------------------------------|-------------------|-----------|---------------------|--------|-------|--|--|
| AD-QL8T8-BF/IP67U | QLR Jack IP67 Unmated to TNC Jack Bulkhead IP67 Mated; 1.4GHz VSWR 1.2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <td data-bbox="113 324 531 394">Interface</td> <td data-bbox="531 324 1123 394">QLR</td> <td data-bbox="1123 324 1482 394">TNC</td> </tr> <tr> <td data-bbox="113 394 531 495">Standard</td> <td data-bbox="531 394 1123 495">NIM-CAMAX-Standard CD/N549</td> <td data-bbox="1123 394 1482 495">MIL-STD-348B</td> </tr> <tr> <td data-bbox="113 495 531 607">Mechanically compatible with</td> <td data-bbox="531 495 1123 607">QLA (H&S); 00.250 (LEMO)</td> <td data-bbox="1123 495 1482 607"></td> </tr> </table> | Interface | QLR | TNC | Standard | NIM-CAMAX-Standard CD/N549 | MIL-STD-348B | Mechanically compatible with | QLA (H&S); 00.250 (LEMO) | | | | | | | | | | | | | | | | | | |
| Interface | QLR | TNC | | | | | | | | | | | | | | | | | | | | | | | | |
| Standard | NIM-CAMAX-Standard CD/N549 | MIL-STD-348B | | | | | | | | | | | | | | | | | | | | | | | | |
| Mechanically compatible with | QLA (H&S); 00.250 (LEMO) | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <td data-bbox="113 607 531 676">Electrical Data</td> <td data-bbox="531 607 1123 676"></td> <td data-bbox="1123 607 1482 676"></td> </tr> <tr> <td data-bbox="113 676 531 723">Impedance</td> <td colspan="2" data-bbox="531 676 1482 723">50Ω</td> </tr> <tr> <td data-bbox="113 723 531 770">Frequency Range</td> <td colspan="2" data-bbox="531 723 1482 770">DC To 1.4GHz</td> </tr> <tr> <td data-bbox="113 770 531 817">VSWR</td> <td colspan="2" data-bbox="531 770 1482 817">≤ 1.2 (DC To 1.4GHz)</td> </tr> <tr> <td data-bbox="113 817 531 864">Insulation Resistance</td> <td colspan="2" data-bbox="531 817 1482 864">≥ 5000MΩ</td> </tr> <tr> <td data-bbox="113 864 531 911">Dielectric Withstanding Voltage (at sea level)</td> <td colspan="2" data-bbox="531 864 1482 911">1500 V rms, 50Hz</td> </tr> <tr> <td data-bbox="113 911 531 1019">Working Voltage (at sea level)</td> <td colspan="2" data-bbox="531 911 1482 1019">≤ 500 V rms, 50Hz</td> </tr> </table> | Electrical Data | | | Impedance | 50Ω | | Frequency Range | DC To 1.4GHz | | VSWR | ≤ 1.2 (DC To 1.4GHz) | | Insulation Resistance | ≥ 5000MΩ | | Dielectric Withstanding Voltage (at sea level) | 1500 V rms, 50Hz | | Working Voltage (at sea level) | ≤ 500 V rms, 50Hz | | | | | | |
| Electrical Data | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Impedance | 50Ω | | | | | | | | | | | | | | | | | | | | | | | | | |
| Frequency Range | DC To 1.4GHz | | | | | | | | | | | | | | | | | | | | | | | | | |
| VSWR | ≤ 1.2 (DC To 1.4GHz) | | | | | | | | | | | | | | | | | | | | | | | | | |
| Insulation Resistance | ≥ 5000MΩ | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dielectric Withstanding Voltage (at sea level) | 1500 V rms, 50Hz | | | | | | | | | | | | | | | | | | | | | | | | | |
| Working Voltage (at sea level) | ≤ 500 V rms, 50Hz | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <td data-bbox="113 1019 531 1088">Mechanical Data</td> <td data-bbox="531 1019 1123 1088"></td> <td data-bbox="1123 1019 1482 1088"></td> </tr> <tr> <td data-bbox="113 1088 531 1144"></td> <td data-bbox="531 1088 1123 1144">QLR</td> <td data-bbox="1123 1088 1482 1144">TNC</td> </tr> <tr> <td data-bbox="113 1144 531 1200">Recommended Coupling Nut Torque</td> <td data-bbox="531 1144 1123 1200">NA</td> <td data-bbox="1123 1144 1482 1200">4.1-6.1 in-lbs</td> </tr> <tr> <td data-bbox="113 1200 531 1256">Coupling Proof Torque</td> <td data-bbox="531 1200 1123 1256">NA</td> <td data-bbox="1123 1200 1482 1256">15 in-lbs</td> </tr> <tr> <td data-bbox="113 1256 531 1312">Engagement Force (typical)</td> <td data-bbox="531 1256 1123 1312">0.45 lbs</td> <td data-bbox="1123 1256 1482 1312">NA</td> </tr> <tr> <td data-bbox="113 1312 531 1368">Disengagement Force (typical)</td> <td data-bbox="531 1312 1123 1368">1.1 lbs</td> <td data-bbox="1123 1312 1482 1368">NA</td> </tr> <tr> <td data-bbox="113 1368 531 1424">Contact Captivation-axial</td> <td data-bbox="531 1368 1123 1424">≥ 4.5 lbs</td> <td data-bbox="1123 1368 1482 1424">≥ 6.1 lbs</td> </tr> <tr> <td data-bbox="113 1424 531 1525">Durability (mating)</td> <td data-bbox="531 1424 1123 1525">≥ 5000</td> <td data-bbox="1123 1424 1482 1525">≥ 500</td> </tr> </table> | Mechanical Data | | | | QLR | TNC | Recommended Coupling Nut Torque | NA | 4.1-6.1 in-lbs | Coupling Proof Torque | NA | 15 in-lbs | Engagement Force (typical) | 0.45 lbs | NA | Disengagement Force (typical) | 1.1 lbs | NA | Contact Captivation-axial | ≥ 4.5 lbs | ≥ 6.1 lbs | Durability (mating) | ≥ 5000 | ≥ 500 | | |
| Mechanical Data | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | QLR | TNC | | | | | | | | | | | | | | | | | | | | | | | | |
| Recommended Coupling Nut Torque | NA | 4.1-6.1 in-lbs | | | | | | | | | | | | | | | | | | | | | | | | |
| Coupling Proof Torque | NA | 15 in-lbs | | | | | | | | | | | | | | | | | | | | | | | | |
| Engagement Force (typical) | 0.45 lbs | NA | | | | | | | | | | | | | | | | | | | | | | | | |
| Disengagement Force (typical) | 1.1 lbs | NA | | | | | | | | | | | | | | | | | | | | | | | | |
| Contact Captivation-axial | ≥ 4.5 lbs | ≥ 6.1 lbs | | | | | | | | | | | | | | | | | | | | | | | | |
| Durability (mating) | ≥ 5000 | ≥ 500 | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <td data-bbox="113 1525 531 1594">Environmental Data</td> <td data-bbox="531 1525 1123 1594"></td> <td data-bbox="1123 1525 1482 1594"></td> </tr> <tr> <td data-bbox="113 1594 531 1641">Temperature Range</td> <td colspan="2" data-bbox="531 1594 1482 1641">- 55°C to +150°C</td> </tr> <tr> <td data-bbox="113 1641 531 1688">Thermal Shock</td> <td colspan="2" data-bbox="531 1641 1482 1688">MIL-STD-202, Method 107, Condition B</td> </tr> <tr> <td data-bbox="113 1688 531 1736">Moisture Resistance</td> <td colspan="2" data-bbox="531 1688 1482 1736">MIL-STD-202, Method 206</td> </tr> <tr> <td data-bbox="113 1736 531 1783">Corrosion</td> <td colspan="2" data-bbox="531 1736 1482 1783">MIL-STD-202, Method 101, Condition B</td> </tr> <tr> <td data-bbox="113 1783 531 1939">RoHS</td> <td colspan="2" data-bbox="531 1783 1482 1939">Compliant</td> </tr> </table> | Environmental Data | | | Temperature Range | - 55°C to +150°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 | | | | | | | | | |
| Environmental Data | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Temperature Range | - 55°C to +150°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-QL8T8-BF/IP67U

