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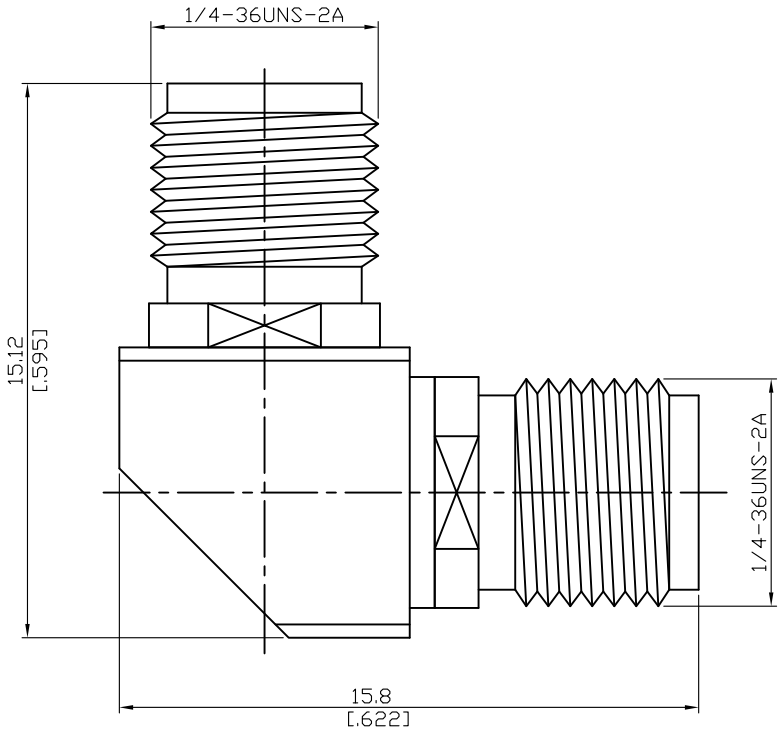
| ALS-A8A8-18-1.15 | Mitered SMA Jack To SMA Jack<br>18GHz VSWR 1.15 | 50Ω |
|---|---|---|




| Parts | Material | Plating ( Micro-inch ) |
|---|---|---|
| Contact Pin | Beryllium Copper | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 |
| Insulator | Teflon | |
| Body | Stainless Steel | Passivated |

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

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| ALS-A8A8-18-1.15 | Mitered SMA Jack To SMA Jack<br>18GHz VSWR 1.15 |
|---|---|

## Interface

| | |
|---|---|
| Standard | MIL-STD-348B |
| Mechanically compatible with | 2.92 & 3.5 |

## Electrical Data

| | |
|---|---|
| Impedance | 50Ω |
| Frequency Range | DC To 18GHz |
| VSWR | ≦1.15 (DC To 18GHz) |
| Insertion Loss | ≦0.06 x $\sqrt{f}$(GHz) dB |
| Insulation Resistance | ≧5000MΩ |
| Dielectric Withstanding Voltage (at sea level) | 1500 V rms |
| Working Voltage (at sea level) | 500 V rms |

## Mechanical Data

| | |
|---|---|
| Recommended Coupling Nut Torque | 7 to 9.5 in-lbs |
| Coupling Proof Torque | 15 in-lbs |
| Contact Captivation-axial | ≧6.1 lbs |
| Durability (mating) | ≧500 |

## Environmental Data

| | |
|---|---|
| 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 |

# ALS-A8A8-18-1.15