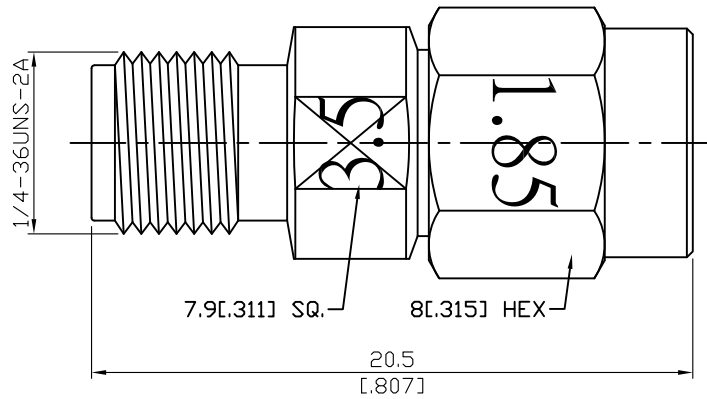


ADS-PC8-1.85/3-1.25

3.5mm Jack To 1.85mm Plug
34.5GHz VSWR 1.25

50Ω



Parts	Material	Plating (Micro-inch)
Retainer Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Gasket	Silicone	
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	PPO	
Body	Stainless Steel	Passivated
Coupling Nut	Stainless Steel	Passivated

This part number complies with RoHS.

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

ADS-PC8-1.85/3-1.25	3.5mm Jack To 1.85mm Plug 34.5GHz VSWR 1.25																	
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Interface</div> Standard Mechanically compatible with	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;"></th> <th style="width: 25%;">1.85</th> <th style="width: 25%;">3.5</th> </tr> </thead> <tbody> <tr> <td>Standard</td> <td>IEEE 287;IEC61169-32</td> <td>IEC60169-23</td> </tr> <tr> <td>Mechanically compatible with</td> <td>2.4</td> <td>SMA & 2.92</td> </tr> </tbody> </table>		1.85	3.5	Standard	IEEE 287;IEC61169-32	IEC60169-23	Mechanically compatible with	2.4	SMA & 2.92								
	1.85	3.5																
Standard	IEEE 287;IEC61169-32	IEC60169-23																
Mechanically compatible with	2.4	SMA & 2.92																
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Electrical Data</div> Impedance Frequency Range VSWR Insertion Loss Insulation Resistance Dielectric Withstanding Voltage (at sea level) Working Voltage (at sea level) RF leakage	<table style="width: 100%;"> <tbody> <tr> <td>Impedance</td> <td>50Ω</td> </tr> <tr> <td>Frequency Range</td> <td>DC To 34.5GHz</td> </tr> <tr> <td>VSWR</td> <td>≤ 1.25 (DC To 34.5GHz)</td> </tr> <tr> <td>Insertion Loss</td> <td>≤ 0.04 x √f(GHz) dB</td> </tr> <tr> <td>Insulation Resistance</td> <td>≥ 5000MΩ</td> </tr> <tr> <td>Dielectric Withstanding Voltage (at sea level)</td> <td>500 V rms</td> </tr> <tr> <td>Working Voltage (at sea level)</td> <td>150 V rms</td> </tr> <tr> <td>RF leakage</td> <td>≥ 100dB to 1GHz</td> </tr> </tbody> </table>		Impedance	50Ω	Frequency Range	DC To 34.5GHz	VSWR	≤ 1.25 (DC To 34.5GHz)	Insertion Loss	≤ 0.04 x √f(GHz) dB	Insulation Resistance	≥ 5000MΩ	Dielectric Withstanding Voltage (at sea level)	500 V rms	Working Voltage (at sea level)	150 V rms	RF leakage	≥ 100dB to 1GHz
Impedance	50Ω																	
Frequency Range	DC To 34.5GHz																	
VSWR	≤ 1.25 (DC To 34.5GHz)																	
Insertion Loss	≤ 0.04 x √f(GHz) dB																	
Insulation Resistance	≥ 5000MΩ																	
Dielectric Withstanding Voltage (at sea level)	500 V rms																	
Working Voltage (at sea level)	150 V rms																	
RF leakage	≥ 100dB to 1GHz																	
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Mechanical Data</div> Recommended Coupling Nut Torque Coupling Proof Torque Contact Captivation-axial Durability (mating)	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;"></th> <th style="width: 25%;">1.85</th> <th style="width: 25%;">3.5</th> </tr> </thead> <tbody> <tr> <td>Recommended Coupling Nut Torque</td> <td>7.08 to 9.74 in-lbs</td> <td>7.1 to 9.7 in-lbs</td> </tr> <tr> <td>Coupling Proof Torque</td> <td>15 in-lbs</td> <td>15 in-lbs</td> </tr> <tr> <td>Contact Captivation-axial</td> <td>≥ 4.5 lbs</td> <td>≥ 6.1 lbs</td> </tr> <tr> <td>Durability (mating)</td> <td>≥ 500</td> <td>≥ 500</td> </tr> </tbody> </table>			1.85	3.5	Recommended Coupling Nut Torque	7.08 to 9.74 in-lbs	7.1 to 9.7 in-lbs	Coupling Proof Torque	15 in-lbs	15 in-lbs	Contact Captivation-axial	≥ 4.5 lbs	≥ 6.1 lbs	Durability (mating)	≥ 500	≥ 500	
	1.85	3.5																
Recommended Coupling Nut Torque	7.08 to 9.74 in-lbs	7.1 to 9.7 in-lbs																
Coupling Proof Torque	15 in-lbs	15 in-lbs																
Contact Captivation-axial	≥ 4.5 lbs	≥ 6.1 lbs																
Durability (mating)	≥ 500	≥ 500																
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Environmental Data</div> Temperature Range Thermal Shock Moisture Resistance Corrosion RoHS	<table style="width: 100%;"> <tbody> <tr> <td>Temperature Range</td> <td>-55°C to +105°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 206</td> </tr> <tr> <td>Corrosion</td> <td>MIL-STD-202, Method 101, Condition B</td> </tr> <tr> <td>RoHS</td> <td>Compliant</td> </tr> </tbody> </table>		Temperature Range	-55°C to +105°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	-55°C to +105°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																	

ADS-PC8-1.85/3-1.25

