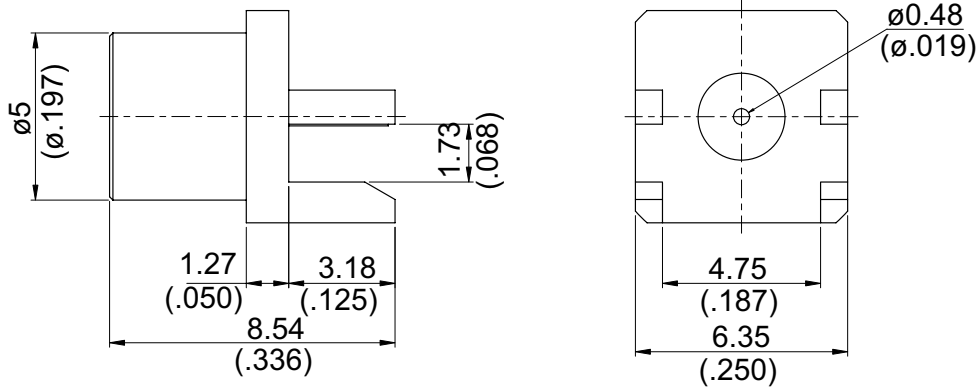


MCX8401A-0000

MCX Jack PCB Mount End Launch (T=1.73)
With Round Contact (Φ0.48); 6GHz VSWR 1.2 50Ω



Parts	Material	Plating (Micro-inch)
Contact Pin	Phosphor Bronze	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

Weight: 0.84 g

This part number complies with RoHS.

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

MCX	MCX8401A-0000																		
<div data-bbox="167 347 566 392" style="border: 1px solid black; padding: 2px;">Interface</div> <p data-bbox="167 403 367 436">IEC 61169-36</p>																			
<div data-bbox="167 510 566 555" style="border: 1px solid black; padding: 2px;">Electrical Data</div> <table border="0" data-bbox="167 560 1356 985"> <tr> <td>Impedance</td> <td>50Ω</td> </tr> <tr> <td>Frequency range</td> <td>DC to 6GHz</td> </tr> <tr> <td>VSWR</td> <td>≦ 1.2 (DC to 5.3GHz)</td> </tr> <tr> <td>Insertion loss</td> <td>≦ 0.1dB to 1GHz; ≦ 0.15 to 3GHz</td> </tr> <tr> <td>Insulation resistance</td> <td>≧ 10000mΩ</td> </tr> <tr> <td>Contact resistance inner conductor</td> <td>≦ 5mΩ</td> </tr> <tr> <td>Contact resistance outer conductor</td> <td>≦ 2.5mΩ</td> </tr> <tr> <td>Dielectric withstanding voltage (at sea level)</td> <td>750 V rms</td> </tr> <tr> <td>Working voltage (at sea level)</td> <td>250 V rms</td> </tr> </table>		Impedance	50Ω	Frequency range	DC to 6GHz	VSWR	≦ 1.2 (DC to 5.3GHz)	Insertion loss	≦ 0.1dB to 1GHz; ≦ 0.15 to 3GHz	Insulation resistance	≧ 10000mΩ	Contact resistance inner conductor	≦ 5mΩ	Contact resistance outer conductor	≦ 2.5mΩ	Dielectric withstanding voltage (at sea level)	750 V rms	Working voltage (at sea level)	250 V rms
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<div data-bbox="167 1057 566 1102" style="border: 1px solid black; padding: 2px;">Mechanical Data</div> <table border="0" data-bbox="167 1108 1037 1299"> <tr> <td>Engagement force</td> <td>≦ 5.6 lbs</td> </tr> <tr> <td>Disengagement force</td> <td>1.8 to 4.5 lbs</td> </tr> <tr> <td>Contact captivation-axial</td> <td>≧ 2.3 lbs</td> </tr> <tr> <td>Durability (mating)</td> <td>≧ 500</td> </tr> </table>		Engagement force	≦ 5.6 lbs	Disengagement force	1.8 to 4.5 lbs	Contact captivation-axial	≧ 2.3 lbs	Durability (mating)	≧ 500										
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<div data-bbox="167 1361 566 1406" style="border: 1px solid black; padding: 2px;">Environmental Data</div> <table border="0" data-bbox="167 1411 1420 1657"> <tr> <td>Temperature range</td> <td>-55°C to +155°C</td> </tr> <tr> <td>Thermal shock</td> <td>MIL-STD-202, Method 107, Condition F</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>Compliant</td> </tr> </table>		Temperature range	-55°C to +155°C	Thermal shock	MIL-STD-202, Method 107, Condition F	Moisture resistance	MIL-STD-202, Method 106	Corrosion	MIL-STD-202, Method 101, Condition B	RoHS	Compliant								
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<div data-bbox="167 1713 566 1758" style="border: 1px solid black; padding: 2px;">Tooling</div>																			

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