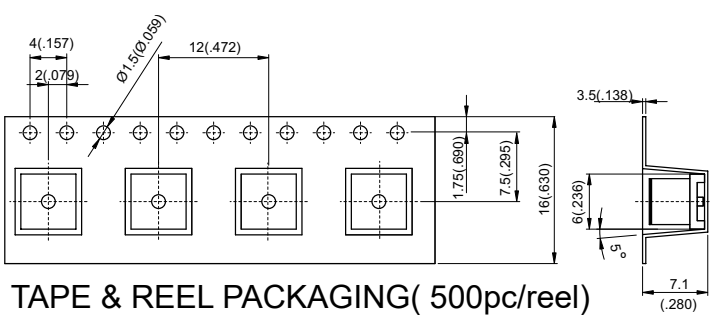
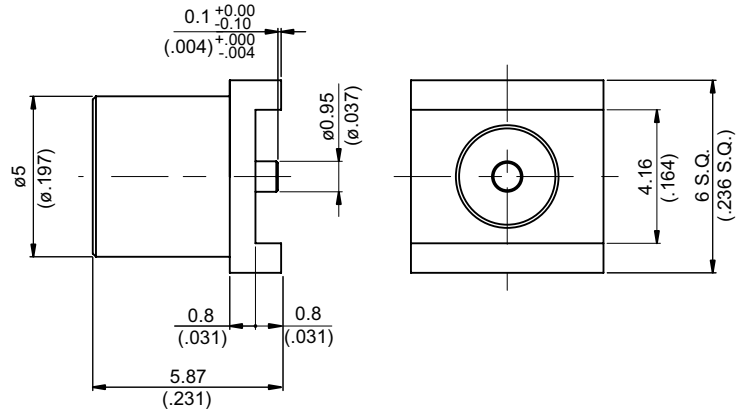
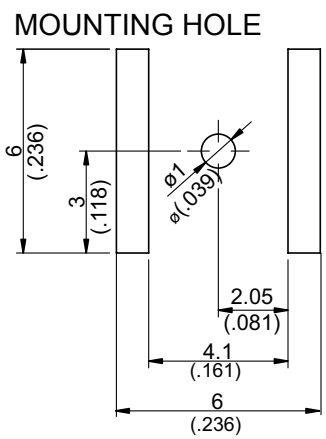


MCX8400-0002 **MCX Jack PCB Surface Mount** **50Ω**
With Round Contact (Φ0.95); 6GHz VSWR 1.2



TAPE & REEL PACKAGING(500pc/reel)
 Mylar cap allows for automatic pick & place



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
Plastic Cap	Mylar	

Weight: 0.68 g

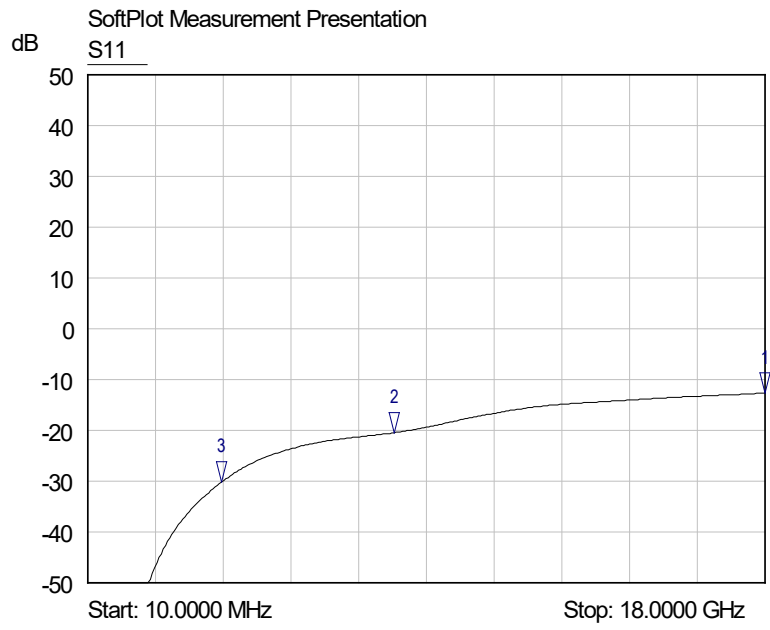
This part number complies with RoHS.
 Notice: JYEBAO reserves the right to make modifications deemed appropriate.

MCX	MCX8400-0002																		
<div data-bbox="167 344 568 389" style="border: 1px solid black; padding: 2px;">Interface</div> <p data-bbox="167 400 367 434">IEC 61169-36</p>																			
<div data-bbox="167 512 568 557" style="border: 1px solid black; padding: 2px;">Electrical Data</div> <table border="0" data-bbox="167 568 1356 981"> <tr> <td>Impedance</td> <td style="text-align: right;">50Ω</td> </tr> <tr> <td>Frequency range</td> <td style="text-align: right;">DC to 6GHz</td> </tr> <tr> <td>VSWR</td> <td style="text-align: right;">≤ 1.2 (DC to 6GHz)</td> </tr> <tr> <td>Insertion loss</td> <td style="text-align: right;">≤ 0.1dB to 1GHz; ≤ 0.15 to 3GHz</td> </tr> <tr> <td>Insulation resistance</td> <td style="text-align: right;">≥ 10000mΩ</td> </tr> <tr> <td>Contact resistance inner conductor</td> <td style="text-align: right;">≤ 5mΩ</td> </tr> <tr> <td>Contact resistance outer conductor</td> <td style="text-align: right;">≤ 2.5mΩ</td> </tr> <tr> <td>Dielectric withstanding voltage (at sea level)</td> <td style="text-align: right;">750 V rms</td> </tr> <tr> <td>Working voltage (at sea level)</td> <td style="text-align: right;">250 V rms</td> </tr> </table>		Impedance	50Ω	Frequency range	DC to 6GHz	VSWR	≤ 1.2 (DC to 6GHz)	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 568 1102" style="border: 1px solid black; padding: 2px;">Mechanical Data</div> <table border="0" data-bbox="167 1113 1037 1290"> <tr> <td>Engagement force</td> <td style="text-align: right;">≤ 5.6 lbs</td> </tr> <tr> <td>Disengagement force</td> <td style="text-align: right;">1.8 to 4.5 lbs</td> </tr> <tr> <td>Contact captivation-axial</td> <td style="text-align: right;">≥ 2.3 lbs</td> </tr> <tr> <td>Durability (mating)</td> <td style="text-align: right;">≥ 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 1364 568 1408" style="border: 1px solid black; padding: 2px;">Environmental Data</div> <table border="0" data-bbox="167 1420 1420 1639"> <tr> <td>Temperature range</td> <td style="text-align: right;">-55°C to +155°C</td> </tr> <tr> <td>Thermal shock</td> <td style="text-align: right;">MIL-STD-202, Method 107, Condition F</td> </tr> <tr> <td>Moisture resistance</td> <td style="text-align: right;">MIL-STD-202, Method 106</td> </tr> <tr> <td>Corrosion</td> <td style="text-align: right;">MIL-STD-202, Method 101, Condition B</td> </tr> <tr> <td>RoHS</td> <td style="text-align: right;">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 1718 568 1762" style="border: 1px solid black; padding: 2px;">Tooling</div>																			

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MCX8400-0002

S11



- 1 S11
▽ 18.0000 GHz
-12.62 dB
- 2 S11
▽ 8.1456 GHz
-20.45 dB
- 3 S11
▽ 3.5622 GHz
-30.18 dB