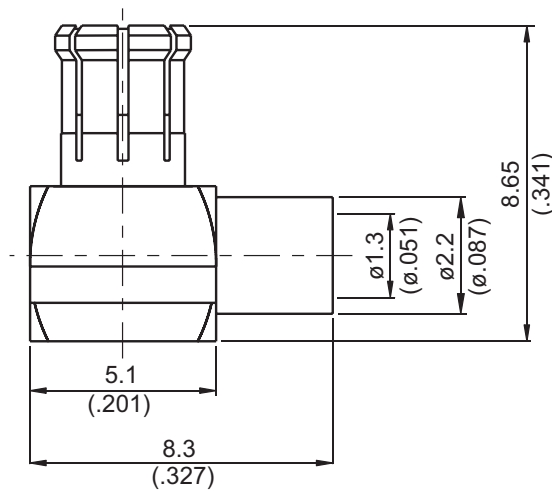


MCX3300-9047

MCX Plug Solder Right Angle
For .047 semi-rigid; 6GHz VSWR 1.2

50Ω



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

Weight: 0.87 g

Suitable Cables: Semi-rigid.047

This part number complies with RoHS.

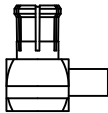
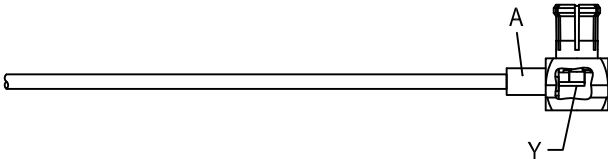
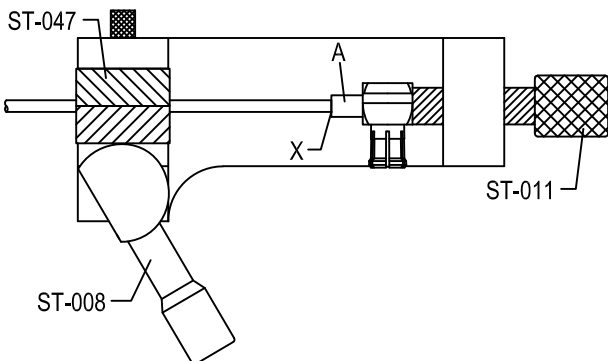
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

MCX	MCX3300-9047																		
Interface IEC 61169-36																			
Electrical Data <table> <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 6GHz)</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 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
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																		
Mechanical Data <table> <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										
Engagement force	≤5.6 lbs																		
Disengagement force	1.8 to 4.5 lbs																		
Contact captivation-axial	2.3 lbs																		
Durability (mating)	≥500																		
Environmental Data <table> <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								
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																		
Tooling <table> <tr> <td>Soldering fixture</td><td>ST-008</td></tr> <tr> <td>Insert for .047 semi-rigid cable</td><td>ST-047</td></tr> <tr> <td>Locator tool</td><td>ST-011</td></tr> </table>		Soldering fixture	ST-008	Insert for .047 semi-rigid cable	ST-047	Locator tool	ST-011												
Soldering fixture	ST-008																		
Insert for .047 semi-rigid cable	ST-047																		
Locator tool	ST-011																		

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

MCX3300-9047		DATE	2017/09/25	REV	—
A  BODY B  INSULATOR C  COVER					
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN.		
			Step 2: SLIDE CENTER CONDUCTOR ON THE CONTACT PIN OF CONNECTOR " A " AND SOLDER IN " Y ".		
			Step 3: USE SOLDERING FIXTURE " ST-008 ", INSERT TOOL " ST-047 " AND LOCATOR TOOL " ST-011 " TO FIX THE CONNECTOR. SOLDER IN " X ".		
			Step 4: PRESS ON THE TOP OF " B " AND " C " WITH JIGS.		
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

MCX3300-9047

S11

