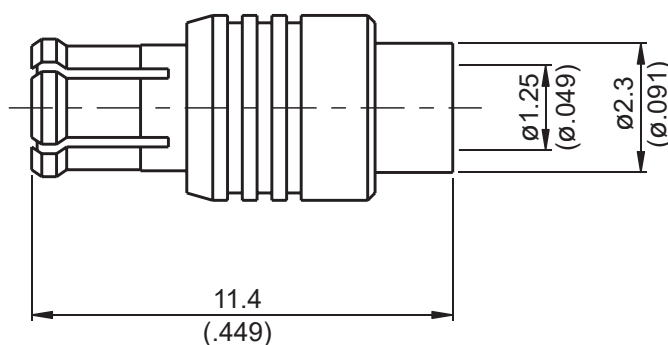


MCX3300-0047

MCX Plug Solder 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
Insulator	Teflon	
Body	Phosphor Bronze	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

Weight: 0.76 g

Suitable Cables: Semi-rigid.047, Conformable .047

This part number complies with RoHS.

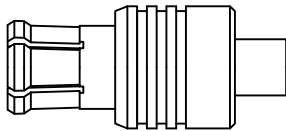
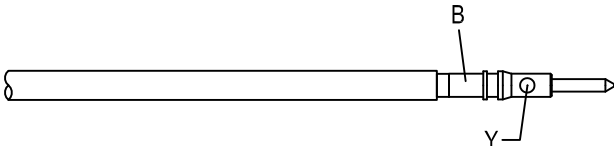
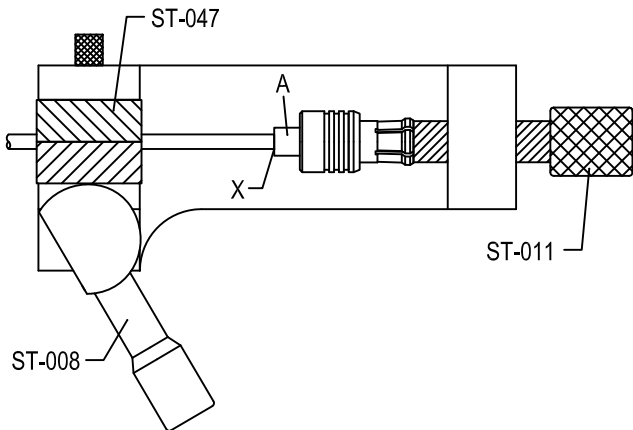
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

MCX		MCX3300-0047	
Interface		IEC 61169-36	
Electrical Data		Impedance 50Ω Frequency range DC to 6GHz VSWR ≤ 1.2 (DC to 6GHz) Insertion loss $\leq 0.1\text{dB}$ to 1GHz; ≤ 0.15 to 3GHz Insulation resistance $\geq 10000\text{M}\Omega$ Contact resistance inner conductor $\leq 5\text{m}\Omega$ Contact resistance outer conductor $\leq 2.5\text{m}\Omega$ Dielectric withstanding voltage (at sea level) 750 V rms Working voltage (at sea level) 250 V rms	
Mechanical Data		Engagement force ≤ 5.6 lbs Disengagement force 1.8 to 4.5 lbs Contact captivation-axial ≥ 2.3 lbs Durability (mating) ≥ 500	
Environmental Data		Temperature range -55°C to +155°C Thermal shock MIL-STD-202, Method 107, Condition B Moisture resistance MIL-STD-202, Method 106 Corrosion MIL-STD-202, Method 101, Condition B RoHS Compliant	
Tooling		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

MCX3300-0047		DATE	2020/04/24	REV	A
A  BODY		B  CONTACT PIN			
DIAGRAM		ASSEMBLY INSTRUCTION			
		Step 1: STRIP AS SHOWN.			
		Step 2: PUT PIN " B " ON CENTER CONDUCTOR 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 ".			
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

MCX3300-0047

S11

