MCX3300-0085	MCX Plug Solder For RG405 6GHz VSWR 1.25	50Ω

ø2.3 (ø.091)
ø3.5 (ø.138)
11.4 (.449)

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.085, Conformable .085

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

JYEBAO

MCX	MCX3300-0085

Interface

IEC 61169-36

Electrical Data

Impedance	50Ω
Frequency range	DC to 6GHz
VSWR	≦1.25 (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

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 gauge	ST-0.2
Soldering fixture	ST-008
Insert for .085 semi-rigid cable	ST-009
Locator tool	ST-011

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JYE BAO CO., LTD.
CABLE ASSEMBLY INSTRUCTION

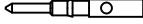| MCX3300-0085		DATE	2020/04/24	REV	A
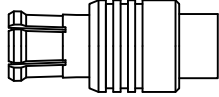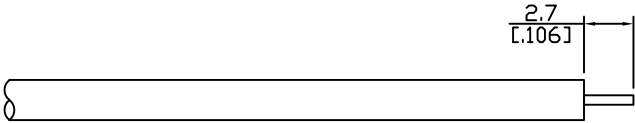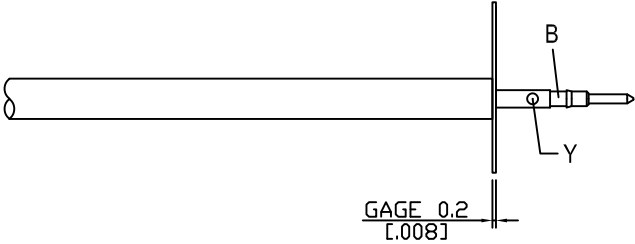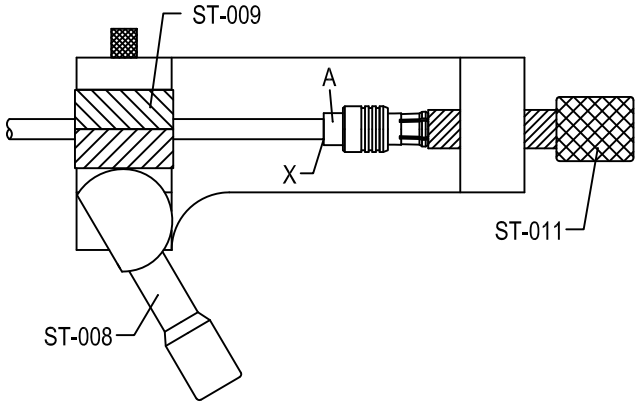
A	B
BODY	CONTACT PIN

DIAGRAM	ASSEMBLY INSTRUCTION
	Step 1: STRIP AS SHOWN. 2.7 [.106]
	Step 2: PUT PIN " B " ON CENTER CONDUCTOR AND SOLDER IN " Y ". USE GAUGE ST-0.2. GAGE 0.2 [.008]
	Step 3: USE SOLDERING FIXTURE " ST-008 " , INSERT TOOL " ST-009 " AND LOCATOR TOOL " ST-011 " TO FIX THE CONNECTOR. SOLDER IN " X ".

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MCX3300-0085

S11