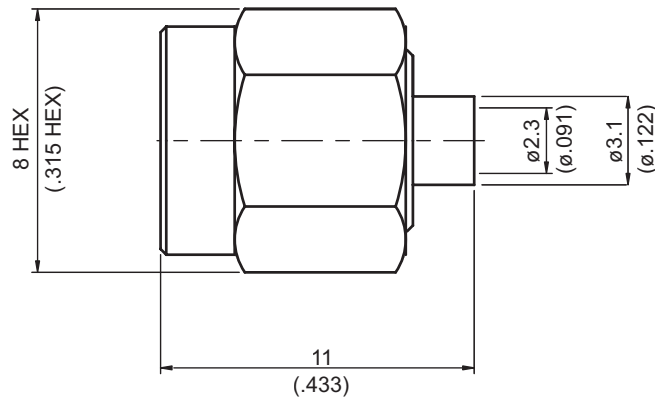


K3300-0085

K Plug Solder For RG405; 40GHz VSWR 1.25 **50Ω**



Parts	Material	Plating (Micro-inch)
Contact Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Gasket	Silicon	
Renber Ring	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	PPO	
Body	Stainless	Gold 5 over Nickel 50 over Copper 50
Coupling Nut	Stainless	Passivated

Weight: 2.41 g

Suitable Cables: Semi-rigid .085; Formable .085; RG405; 5002; 5002LD; SS405; T-Flex405; Multiflex 86

Interface	
MIL-STD-348B	
Mechanically compatible with	3.5 & SMA
Electrical Data	
Impedance	50Ω
Frequency range	DC to 40GHz
VSWR	≤ 1.25 (DC to 40GHz)
Insertion loss	≤ 0.04 x √f(GHz) dB
Insulation resistance	≥ 5000MΩ
Contact resistance inner conductor	≤ 3mΩ
Contact resistance outer conductor	≤ 2mΩ
Dielectric withstanding voltage (at sea level)	750 V rms
Working Voltage (at sea level)	250 V rms
RF leakage	≥ 100dB to 1GHz
Mechanical Data	
Recommended coupling nut torque	11.47 inch lbs
Coupling proof torque	15 inch lbs
Contact Captivation-axial	≥ 4.9 lbs
Durability (mating)	≥ 500
Environmental Data	
Temperature range	-40°C to +105°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Moisture resistance	MIL-STD-202, Method 206
Corrosion	MIL-STD-202, Method 101, Condition B
RoHS	Compliant
Tooling	
Soldering gauge	ST-0.2
Soldering fixture	ST-008
Insert for .085inch semi-rigid cable	ST-009
Locator tool	ST-017 & ST-K33-85
Dielectric insertion tool	ST-003A

CABLE ASSEMBLY INSTRUCTION

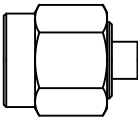



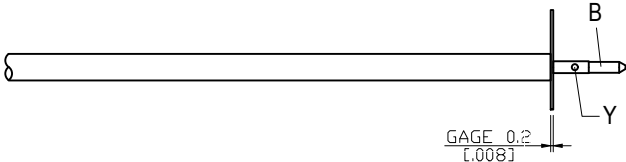
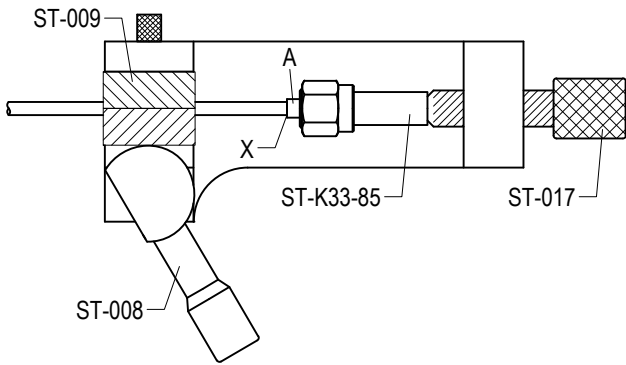
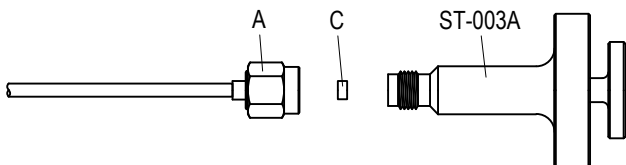
K3300-0085	DATE	2020/03/24	REV	A
A	B	C		
				
BODY	CONTACT PIN	INSULATOR		

DIAGRAM	ASSEMBLY INSTRUCTION
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	<p>Step 1: STRIP AS SHOWN.</p>
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	<p>Step 2: PUT 0.2 MM GAGE IN PLACE, INSERT CABLE'S CENTER CONDUCTOR INTO CENTER PIN " B " AND SOLDER IN " Y ".</p>
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	<p>Step 3: USE SOLDERING FIXTURE " ST-008 ", INSERT TOOL " ST-009 " AND LOCATOR TOOL " ST-017 " AND " ST-K33-85 " TO FIX THE CONNECTOR. SOLDER IN " X ".</p>
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	<p>Step 4: USE DIELECTRIC INSERTION TOOL " ST-003A " TO INSERT THE INSULATOR " C ".</p>
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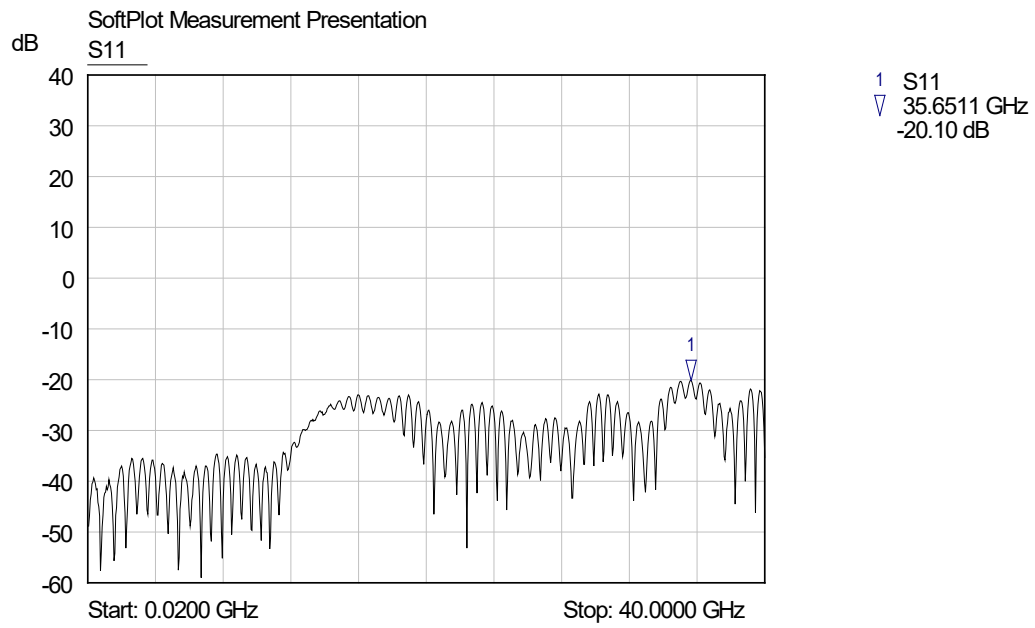
This part number complies with RoHS.

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

APPROVED	CHECKED	DRAWING
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Albert

K3300-0085



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