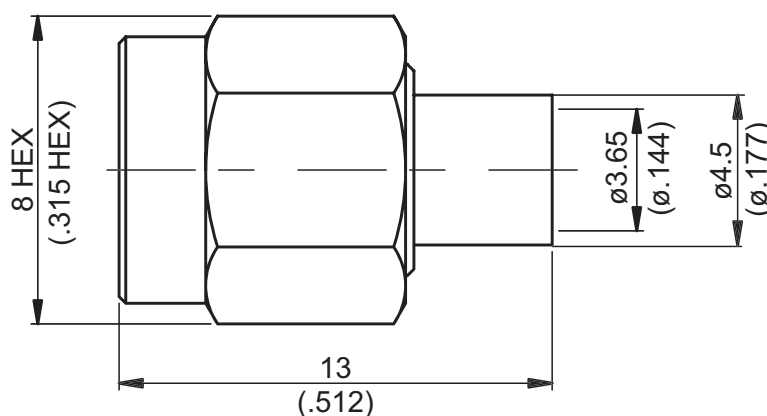


K3300-0141

K Plug Solder For RG402
42GHz VSWR 1.2

50Ω



Parts	Material	Plating (Micro-inch)
Contact Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Retainer Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Gasket	Silicon	
Insulator	PPO	
Body	Stainless Steel	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Coupling Nut	Stainless Steel	Passivated

Weight: 2.45 g

Suitable Cables: Semi-rigid.141

This part number complies with RoHS.

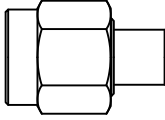
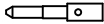
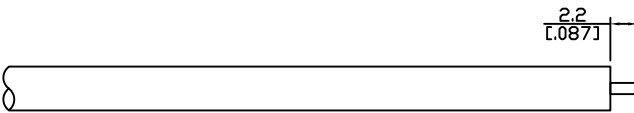
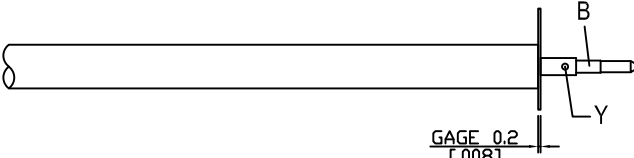
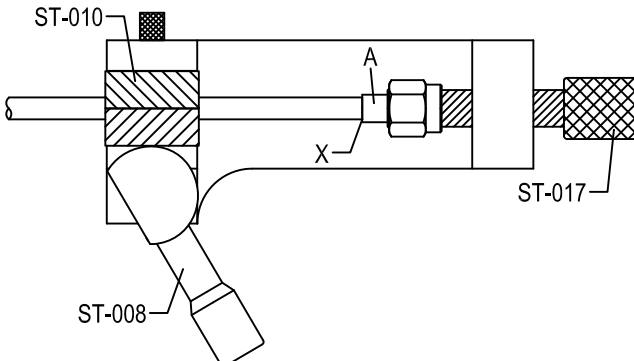
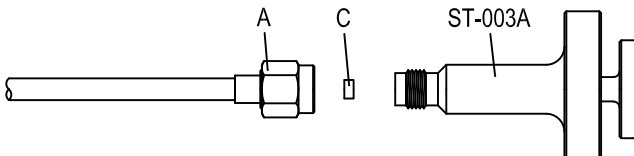
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

2.92 (K)		K3300-0141	
Interface			
MIL-STD-348B			
Mechanically compatible with		3.5 & SMA	
Electrical Data			
Impedance		50Ω	
Frequency range		DC to 42GHz	
VSWR		≤ 1.2 (DC to 42GHz)	
Insertion loss		$\leq 0.04 \times \sqrt{f(\text{GHz})}$ dB	
Insulation resistance		$\geq 5000\text{M}\Omega$	
Contact resistance inner conductor		$\leq 3\text{m}\Omega$	
Contact resistance outer conductor		$\leq 2\text{m}\Omega$	
Dielectric withstanding voltage (at sea level)		750 V rms	
Working Voltage (at sea level)		250 V rms	
RF leakage		$\geq 100\text{dB}$ 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		-55°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			
Locator tool	ST-017	Dielectric insertion tool	ST-003A
Soldering fixture	ST-008	Soldering gauge	ST-0.2
Insert for .141semi-rigid cable	ST-010		

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

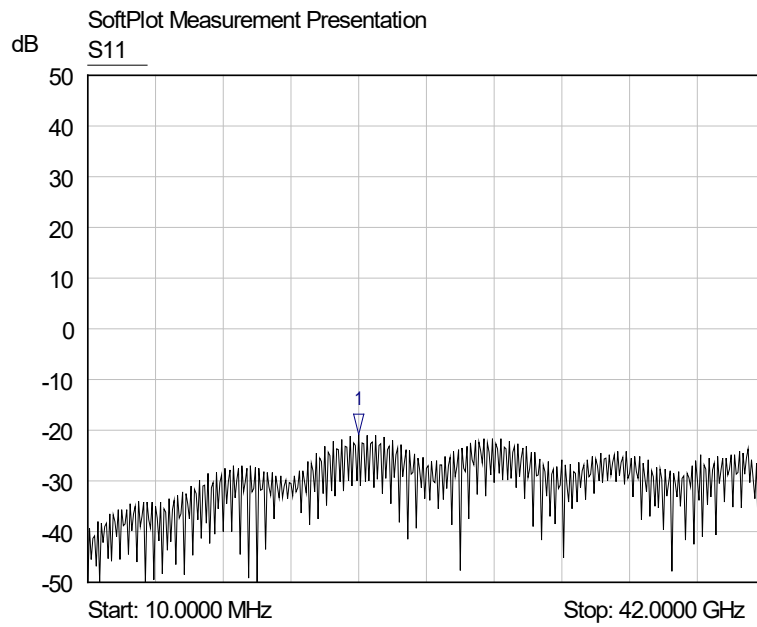
JYE BAO CO., LTD.

CABLE ASSEMBLY RECOMMENDATION

K3300-0141		DATE	2020/03/24	REV	A
A B C    BODYCONTACT PININSULATOR					
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN.		
			Step 2: PUT 0.2 MM GAGE IN PLACE, INSERT CABLE'S CENTER CONDUCTOR INTO CENTER PIN " B " AND SOLDER IN " Y ".		
			Step 3: USE SOLDERING FIXTURE " ST-008 ", INSERT TOOL " ST-010 " AND LOCATOR TOOL " ST-017 " TO FIX THE CONNECTOR. SOLDER IN " X ".		
			Step 4: USE DIELECTRIC INSERTION TOOL " ST-003A " TO INSERT THE INSULATOR " C ".		
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

K3300-0141

S11



1 S11
▽ 16.8060 GHz
-20.81 dB