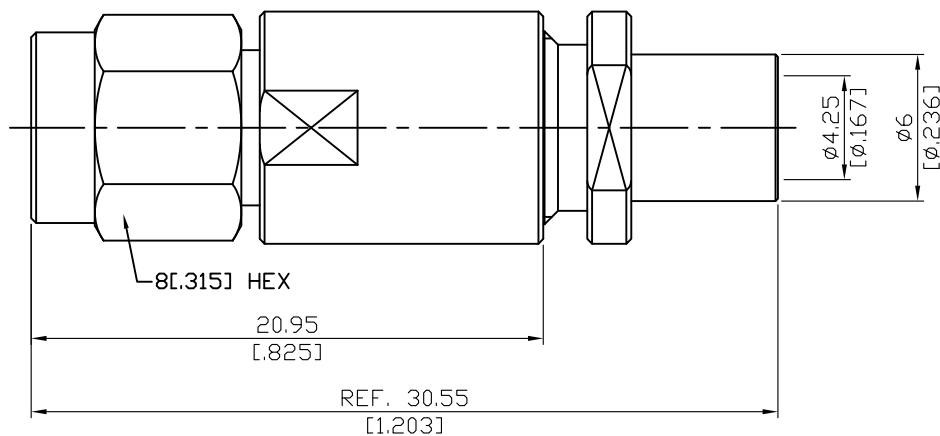


K3200S-5003A

2.92mm plug solder clamp
For triple shielded flexible RG402; 40GHz VSWR 1.2

50Ω



Parts	Material	Plating (Micro-inch)
Coupling Nut	Stainless Steel	Passivated
Body	Stainless Steel	Passivated
Insulator	PPO	
Gasket	Silicone	
Retainer Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Clamp Nut	Stainless Steel	Passivated
Solder Ferrule	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Suitable Cables: 5003A		

This part number complies with RoHS.

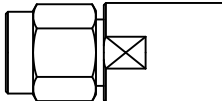
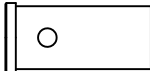
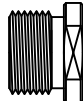
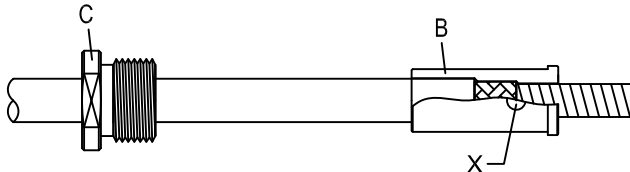
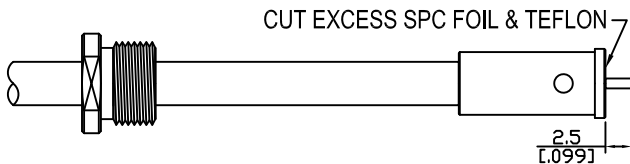
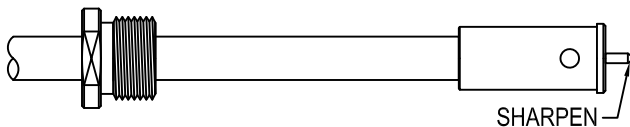
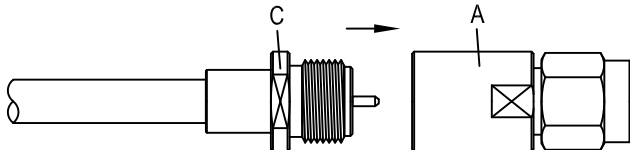
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

2.92 (K)	K3200S-5003A
Interface MIL-STD-348B Mechanically compatible with 3.5 & SMA	
Electrical Data Impedance 50Ω Frequency range DC to 40GHz VSWR ≤ 1.2 (DC to 40GHz) 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 -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	

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

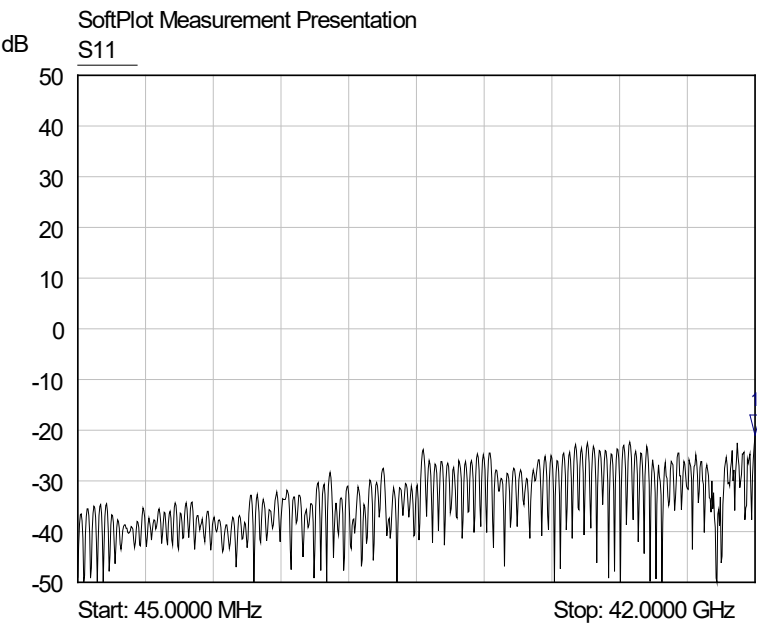
JYE BAO CO., LTD.

CABLE ASSEMBLY RECOMMENDATION

K3200S-5003A		DATE	2021/03/05	REV	—
A  BODY B  SOLDER FERRULE C  CLAMP NUT					
DIAGRAM			ASSEMBLY INSTRUCTION		
 TIN DIP SPC BRAID			Step 1: STRIP AS SHOWN AND TIN DIP SPC BRAID.		
 TIN DIP SPC FOIL			Step 2: STRIP AS SHOWN AND TIN DIP SPC FOIL.		
			Step 3: SLIDE NUT " C " AND SOLDER FERRULE " B " OVER THE CABLE. Step 4: SOLDER IN " X ".		
 CUT EXCESS SPC FOIL & TEFLON			Step 5: CUT AWAY ANY EXCESS SPC FOIL AND TEFLON STICKING OUT OF THE SOLDER FERRULE. Step 6: CUT CENTER CONDUCTOR TO LENGTH.		
 SHARPEN			Step 7: SHARPEN CENTER CONDUCTOR TIP.		
			Step 8: FINALLY SCREW NUT " C " ON THE CONNECTOR BODY " A ".		
This part number complies with RoHS. Notice: JYBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

K3200S-5003A

S11



1 S11
42.0000 GHz
-21.08 dB