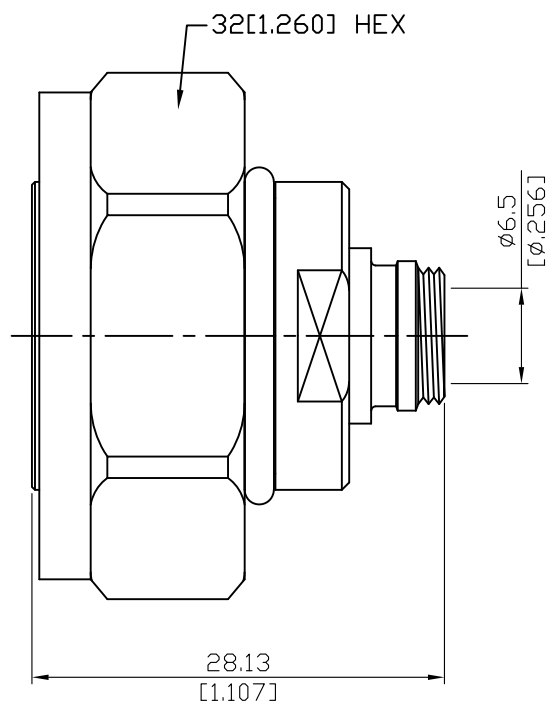


7/16-3300A-0250

7/16 Plug Solder Clamp For RG401;  
7.5GHz VSWR 1.2

50Ω



Parts	Material	Plating ( Micro-inch )
Gasket	Silicone	
Contact Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Coupling Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

Weight: 99.3 g  
Suitable Cables: Semi-rigid.250

This part number complies with RoHS.

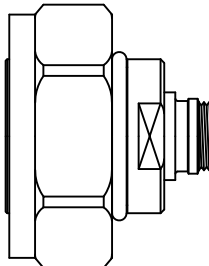
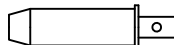
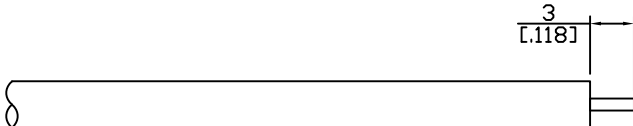
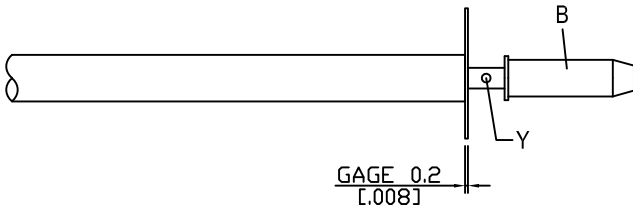
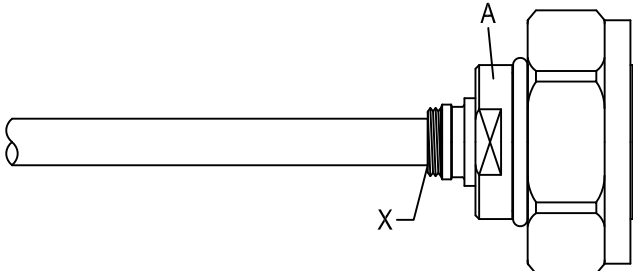
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

7/16	7/16-3300A-0250
<b>Interface</b> IEC 60169-4	
<b>Electrical Data</b> Impedance 50Ω Frequency range DC to 7.5GHz VSWR $\leq 1.2$ (DC to 7.5GHz) Insertion loss $\leq 0.05\text{dB}$ Insulation resistance $\geq 10000\text{M}\Omega$ Contact resistance inner conductor $\leq 0.4\text{m}\Omega$ Contact resistance outer conductor $\leq 1.5\text{m}\Omega$ Dielectric withstanding voltage (at sea level) 4000 V rms Working Voltage (at sea level) 2700 V rms Rf leakage $\geq 128\text{dB}$ to 1GHz	
<b>Mechanical Data</b> Recommended coupling nut torque 260 inch lbs Coupling proof torque 310 inch lbs Coupling nut retention force $\geq 221$ lbs Contact captivation-axial $\geq 45$ lbs Durability (mating) $\geq 500$	
<b>Environmental Data</b> Temperature range -65°C to +165°C Thermal shock MIL-STD-202, Method107, Condition B Moisture resistance MIL-STD-202, Method106 Corrosion MIL-STD-202, Method101, Condition B RoHS Compliant	
<b>Tooling</b> Soldering gauge ST-0.2	

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

# JYE BAO CO., LTD.

## CABLE ASSEMBLY INSTRUCTION

7/16-3300A-0250		DATE	2017/10/20	REV	—
<div>A</div> <div></div> <div>BODY</div>		<div>B</div> <div></div> <div>CONTACT PIN</div>			
DIAGRAM		ASSEMBLY INSTRUCTION			
<div></div>		Step 1: STRIP AS SHOWN.			
<div></div>		Step 2: PUT 0.2 MM GAGE ST-0.2 IN PLACE, INSERT CABLE'S CENTER CONDUCTOR INTO CONTACT PIN " B " AND SOLDER IN " Y ".			
<div></div>		Step 3: INSERT PREPARED CABLE INTO CONNECTOR BODY " A " AND SOLDER IN " X ".			
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	