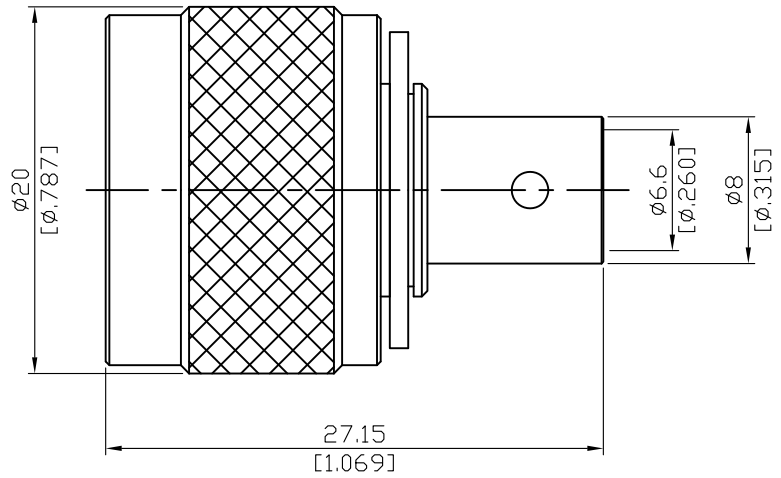
N3300-0250	N Plug Solder For RG401 11GHz VSWR 1.2	50Ω



Parts	Material	
Retainer Ring	Stainless Steel	Tin-Zinc-Copper-Alloy 100 Over Copper 50
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: 36.33 g
Suitable Cables: semi-rigid.250

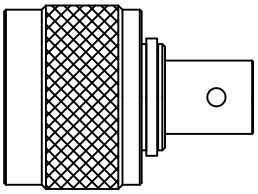
N	N3300-0250
Interface	
MIL-STD-348B	
Electrical Data	
Impedance	50Ω
Frequency range	DC to 11GHz
VSWR	≦1.2 (DC to 11GHz)
Insertion loss	≦0.05 x $\sqrt{f(GHz)}$ dB
Insulation resistance	≧5000MΩ
Contact resistance inner conductor	≦1.5mΩ
Contact resistance outer conductor	≦1mΩ
Dielectric withstanding voltage (at sea level)	2500 V rms
Working voltage (at sea level)	1000 V rms
Mechanical Data	
Recommended coupling nut torque	6 to 10 inch lbs
Coupling proof torque	15 inch lbs
Coupling nut retention force	≧101.2 lbs
Contact captivation-axial	≧6.3 lbs
Durability (mating)	≧500
Environmental Data	
Temperature range	-65°C to +165°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-0.3
Locator tool	ST-012
Soldering fixture	ST-008
Insert for .250 semi-rigid cable	ST-250

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

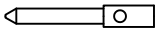
N3300-0250	DATE	2020/03/25	REV	—

A

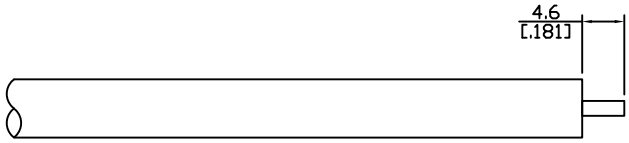
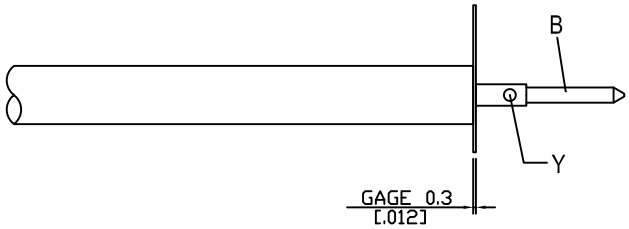
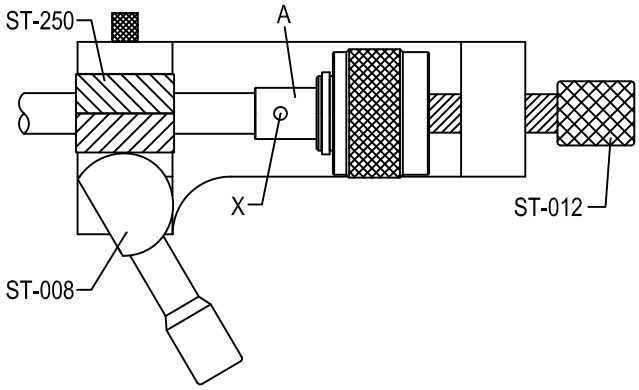


BODY

B



CONTACT PIN

DIAGRAM	ASSEMBLY INSTRUCTION
	Step 1: STRIP AS SHOWN.
	Step 2: PUT 0.3 MM GAGE ST-0.3 IN PLACE, INSERT CABLE'S CENTER CONDUCTOR INTO CENTER PIN " B " AND SOLDER IN " Y ".
	Step 3: INSERT PREPARED CABLE INTO CONNECTOR BODY " A " AND USE SOLDERING FIXTURE " ST-008 ", INSERT TOOL " ST-250 " AND LOCATOR TOOL " ST-012 " TO FIX THE CONNECTOR. SOLDER IN " X ".

This part number complies with RoHS.

N3300-0250

S11