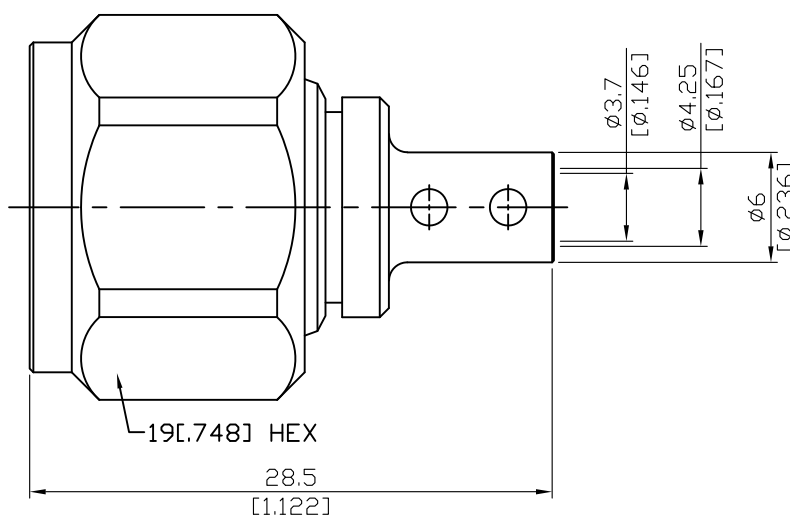


N33NPA-5003

N Plug Solder For RG402
11GHz VSWR 1.2*

50Ω



*Using 5003

Parts	Material	Plating (Micro-inch)
Gasket	Silicone	
Contact Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Coupling Nut	Stainless Steel	Passivated

Suitable Cables: 5003; SS402; T-Flex402; Multibend402; Multiflex141;
.085SRF-W-P-50-F

This part number complies with RoHS.

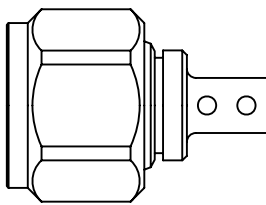
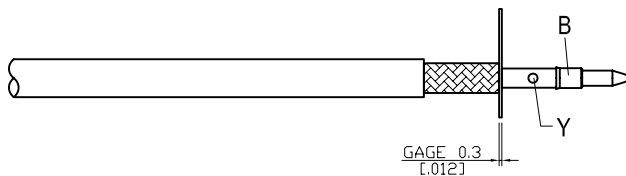
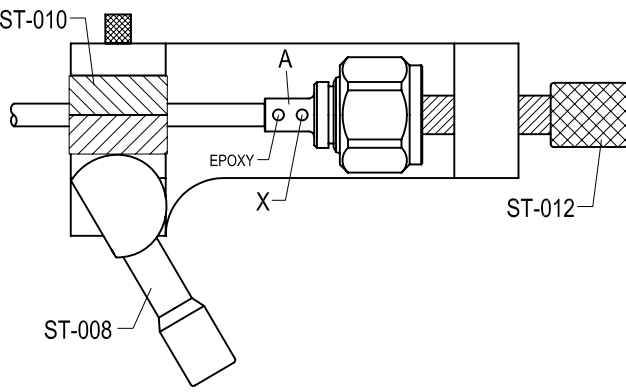
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

N	N33NPA-5003
Interface MIL-STD-348B	
Electrical Data Impedance 50Ω Frequency range DC to 11GHz VSWR ≤ 1.2 (DC to 11GHz) Insertion loss $\leq 0.05 \times \sqrt{f(\text{GHz})}$ dB Insulation resistance $\geq 5000\text{M}\Omega$ Contact resistance inner conductor $\leq 1.5\text{m}\Omega$ Contact resistance outer conductor $\leq 1\text{m}\Omega$ 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 0.3mm thick ST-0.3 Soldering fixture ST-008 Insert for 0.141inch semi-rigid cable ST-010 Locator tool ST-012	

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JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

N33NPA-5003		DATE	2018/10/05	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: USE SOLDERING FIXTURE " ST-008 ", INSERT TOOL " ST-010 " AND LOCATOR TOOL " ST-012 " TO FIX THE CONNECTOR. SOLDER IN " X " AND POUR EPOXY INTO CONNECTOR.			
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	