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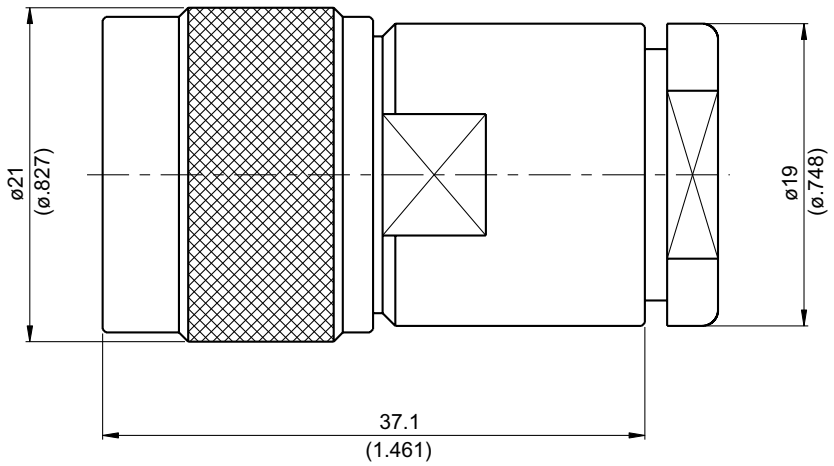
N3200B-0213	N Plug Clamp For RG213 6GHz VSWR 1.2	50Ω



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

Weight: 52.76 g
Suitable Cables: RG8, RG213

This part number complies with RoHS.
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

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N	N3200B-0213

Interface

MIL-STD-348B

Electrical Data

Impedance	50Ω
Frequency range	DC to 6GHz
VSWR	≦1.2 (DC to 6GHz)
Insertion loss	$\leqq 0.05 \times \sqrt{f(GHz)}$ 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

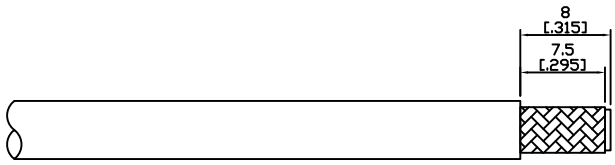
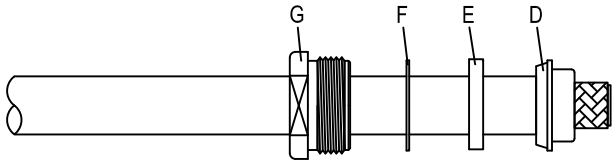
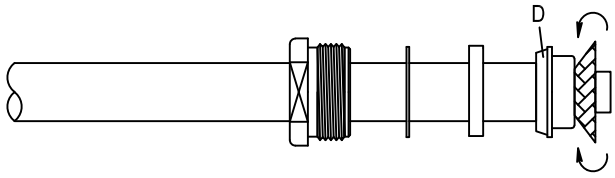
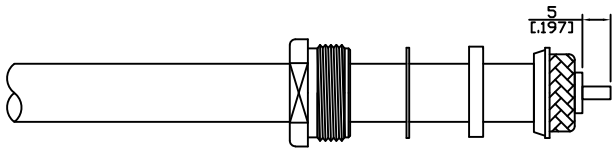
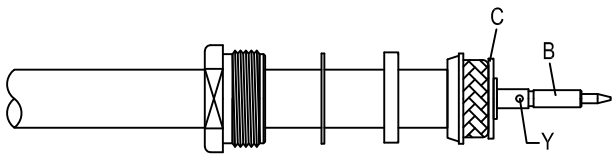
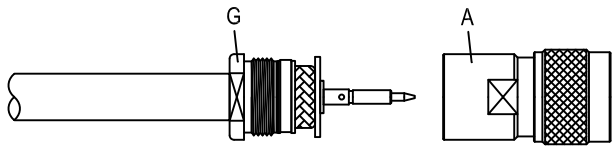
Tooling

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

N3200B-0213	DATE	2014/04/29	REV	—

BODY	CONTACT PIN	WASHER	BRAID CLAMP	GASKET	WASHER	NUT

DIAGRAM	ASSEMBLY INSTRUCTION
	Step 1: STRIP AS SHOWN.
	Step 2: SLIDE NUT " G " 、WASHER " F " 、GASKET " E " AND BRAID CLAMP " D " OVER CABLE.
	Step 3: WRAP THE BRAIDING OVER " D ".
	Step 4: STRIP THE DIELECTRIC AS SHOWN.
	Step 5: SLIDE WASHER " C " IN PLACE. Step 6: PUT PIN " B " ON CENTER CONDUCTOR AND SOLDER IN " Y ".
	Step 7: FINALLY SCREW NUT " G " ON THE CONNECTOR BODY " A ".

This part number complies with RoHS.

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

APPROVED	CHECKED	DRAWING
		Albert

N3200B-0213

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