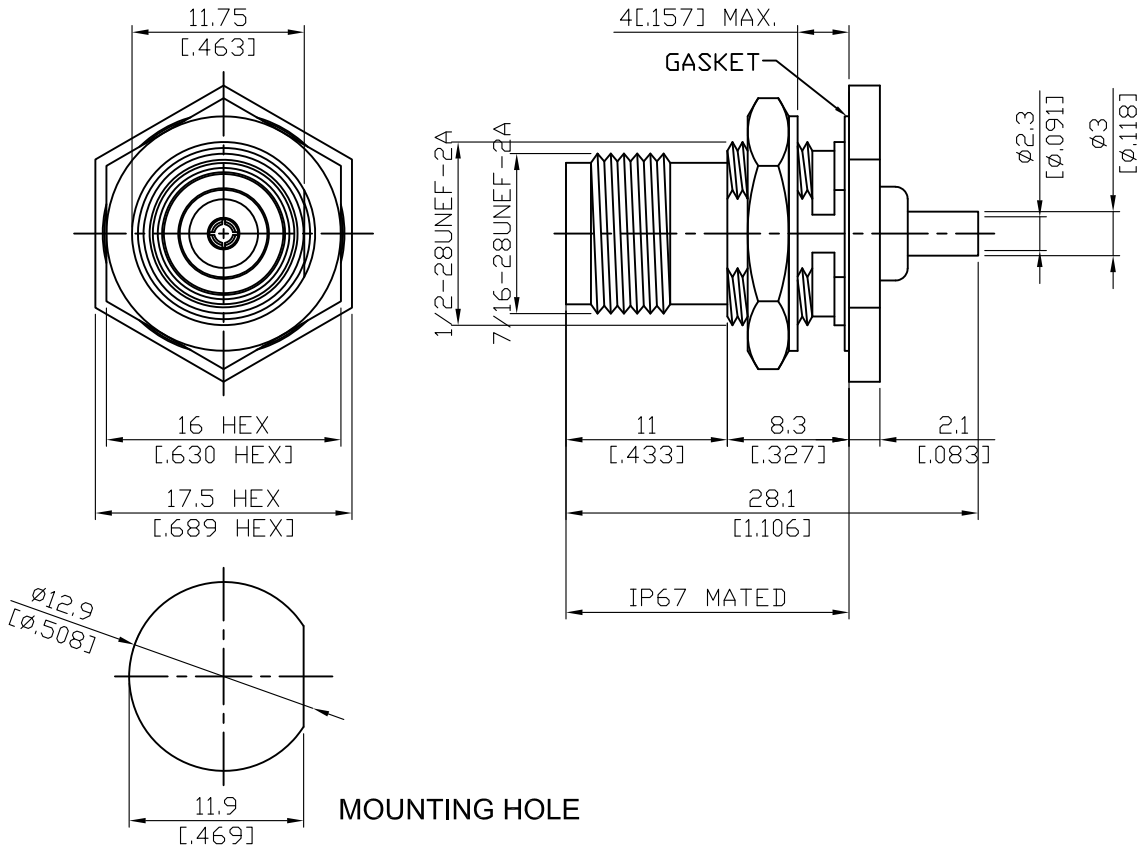
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TNC8105-0178/IP67	TNC Jack Crimp Bulkhead For RG178, RG178-FEP; IP67 mated; 6GHz VSWR 1.2	50Ω



Parts	Material	Plating (Micro-inch)
Ferrule	Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Insulator	Teflon	
Small Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Hex Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Lock Washer	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Gasket	Silicone	
Contact Pin	P. Bronze	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

Suitable Cables: RG178, RG178-FEP,RG196

This part number complies with RoHS.

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

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TNC	TNC8105-0178/IP67

Interface

MIL-STD-348B

Electrical Data

Impedance	50Ω
Frequency range	DC to 6GHz
VSWR	≦1.2 (DC to 6GHz)
Insertion loss	≦0.1 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)	1500 V rms
Working voltage (at sea level)	500 V rms

Mechanical Data

Recommended coupling nut torque	4.1 to 6.1 inch lbs
Coupling proof torque	15 inch lbs
Coupling nut retention force	≧101.2 lbs
Contact captivation-axial	≧6.1 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

Crimping tool	CRT-1 or CRT-2
Crimp insert	INSERT-A

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

JYE BAO CO., LTD.

CABLE ASSEMBLY RECOMMENDATION

TNC8105-0178/IP67	DATE	2018/11/26	REV	—

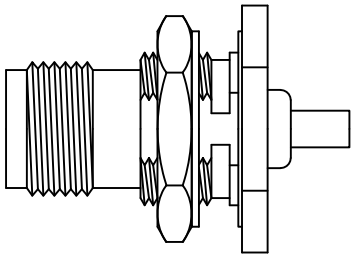
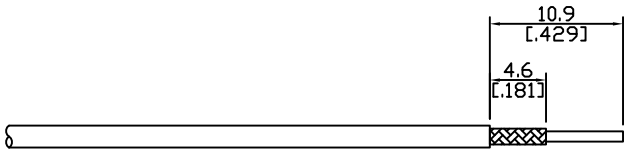
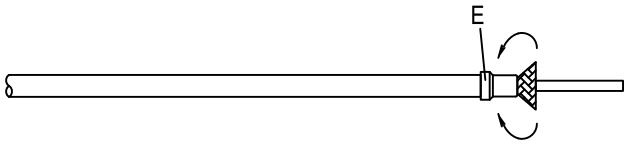
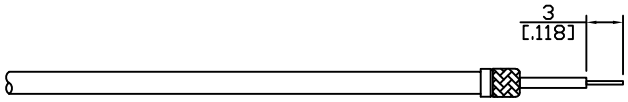
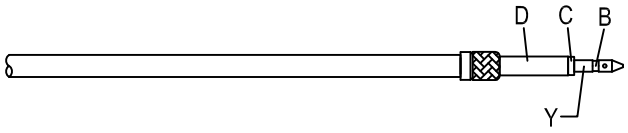
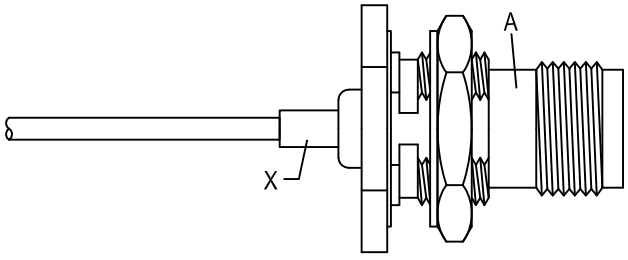
A	B	C	D	E
				
BODY + GASKET + WASHER + HEX NUT	SMALL PIN	INSULATOR	FERRULE	FERRULE

DIAGRAM	ASSEMBLY INSTRUCTION
	Step 1: STRIP AS SHOWN.
	Step 2: SLIDE FERRULE " E " OVER CABLE. Step 3: WRAP THE BRAIDING OVER " E ".
	Step 4: STRIP AS SHOWN.
	Step 5: SLIDE PREPARED CABLE INTO FERRULE " D ". Step 6: PUT INSULATOR " C " AND CONTACT PIN " B " ON CENTER CONDUCTOR AND CRIMP IN " Y ". (USE SQUARE 0.70mm/0.028inch SECTION OF INSERT-A)
	Step 7: PUT PREPARED CABLE INTO CONNECTOR BODY " A " AND CRIMP IN " X ". (USE 2.55mm/0.100inch HEX SECTION OF INSERT-A)

This part number complies with RoHS.

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

APPROVED	CHECKED	DRAWING
		Albert