JYEBAO

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7/16-3300A-0250	7/16 Plug Solder For RG401; 7.5GHz VSWR 1.2	50Ω

32[1.260] HEX

ø6.5 [ø.256]

28.13
[1.107]
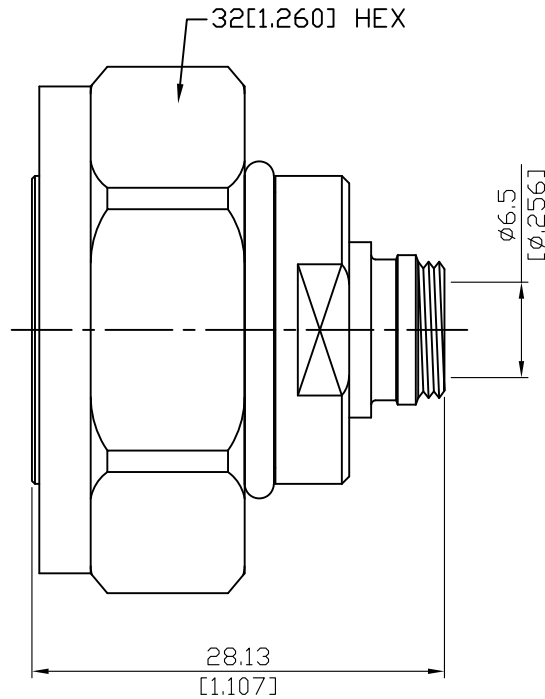
Parts	Material	Plating (Micro-inch)
Gasket	Silicone	
Contact Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Coupling Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

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

Interface
IEC 60169-4

Electrical Data
Impedance	50Ω
Frequency range	DC to 7.5GHz
VSWR	≦1.2 (DC to 7.5GHz)
Insertion loss	≦0.05dB
Insulation resistance	≧10000MΩ
Contact resistance inner conductor	≦0.4mΩ
Contact resistance outer conductor	≦1.5mΩ
Dielectric withstanding voltage (at sea level)	4000 V rms
Working Voltage (at sea level)	2700 V rms
Rf leakage	≧128dB to 1GHz

Mechanical Data
Recommended coupling nut torque	260 inch lbs
Coupling proof torque	310 inch lbs
Coupling nut retention force	≧221 lbs
Contact captivation-axial	≧45 lbs
Durability (mating)	≧500

Environmental Data
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

Tooling
Soldering gauge	ST-0.2

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JYE BAO CO., LTD.
CABLE ASSEMBLY INSTRUCTION

7/16-3300A-0250	DATE	2017/10/20	REV	—

A	B
BODY	CONTACT PIN
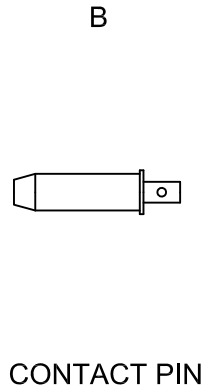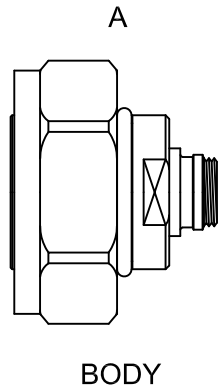
DIAGRAM	ASSEMBLY INSTRUCTION
3 [.118]	Step 1: STRIP AS SHOWN.
B / Y / GAGE 0.2 [.008]	Step 2: PUT 0.2 MM GAGE ST-0.2 IN PLACE, INSERT CABLE'S CENTER CONDUCTOR INTO CONTACT PIN " B " AND SOLDER IN " Y ".
A / X	Step 3: INSERT PREPARED CABLE INTO CONNECTOR BODY " A " AND SOLDER IN " X ".
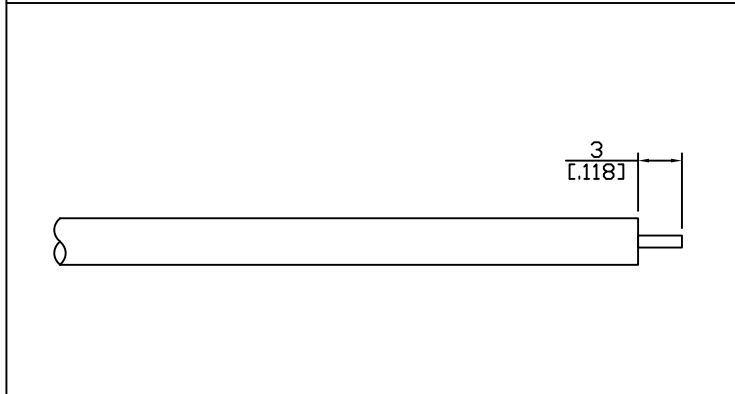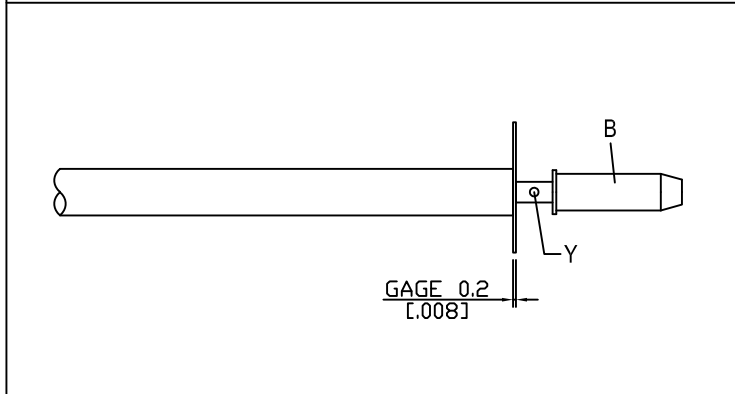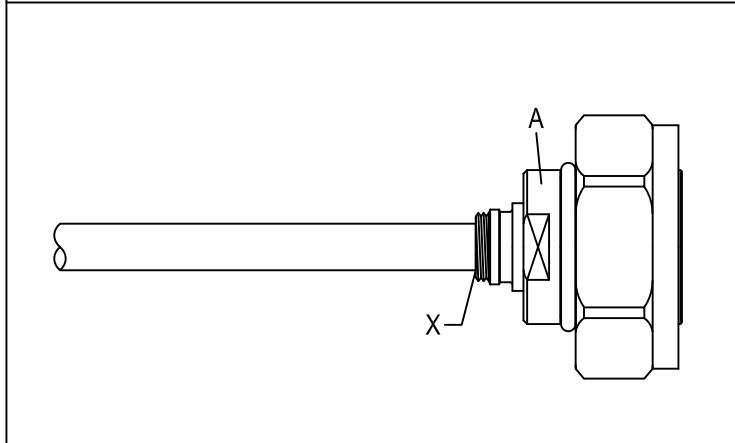
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APPROVED	CHECKED	DRAWING	Albert