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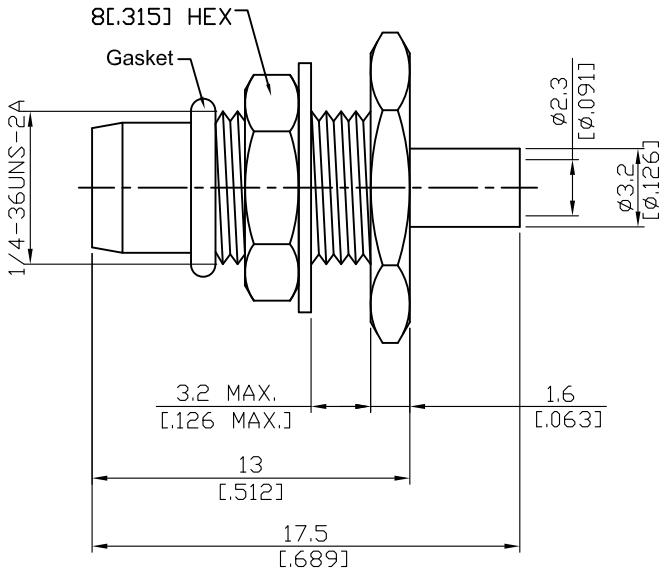
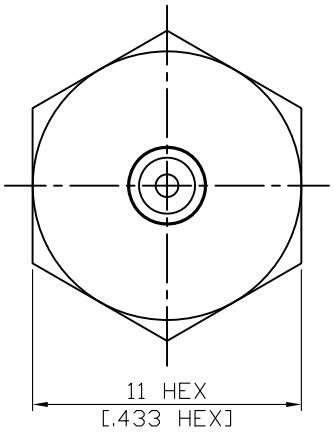
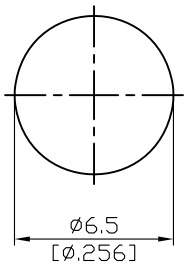
BMA3305-0085/W	BMA Plug Solder For Bulkhead, 18GHz VSWR 1.25	50Ω







MOUNTING HOLE

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

Suitable Cables: semi-rigid.085

This part number complies with RoHS.

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BMA	BMA3305-0085/W

Interface

MIL-STD-348B

Electrical Data

Impedance	50Ω
Frequency range	DC to 18GHz
VSWR	≦1.25(DC to 18GHz)
Insertion loss	≦0.03 x $\sqrt{f(GHz)}$ dB
Insulation resistance	≧5000MΩ
Contact resistance inner conductor	≦2mΩ
Contact resistance outer conductor	≦2mΩ
Dielectric withstanding voltage (at sea level)	1000 V rms
Working voltage (at sea level)	670 V rms

Mechanical Data

Engagement force	≦3 lbs
Disengagement force	≦1.5 lbs
Contact captivation-axial	≧6.1 lbs
Durability (mating)	≧1000

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

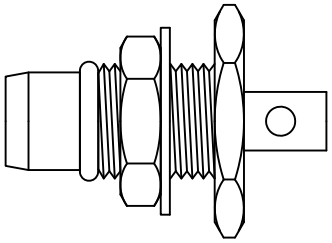
Soldering fixture	ST-008
Locator tool	ST-011, ST-BMA33
Insert for .085semi-rigid cable	ST-009

JYE BAO CO., LTD.

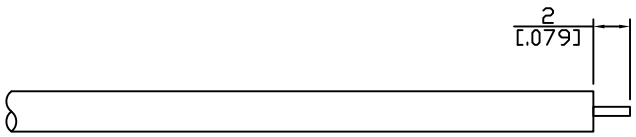
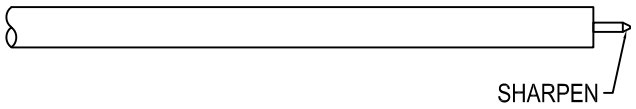
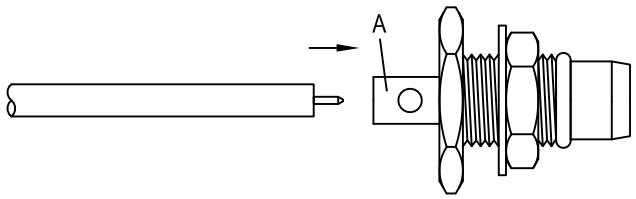
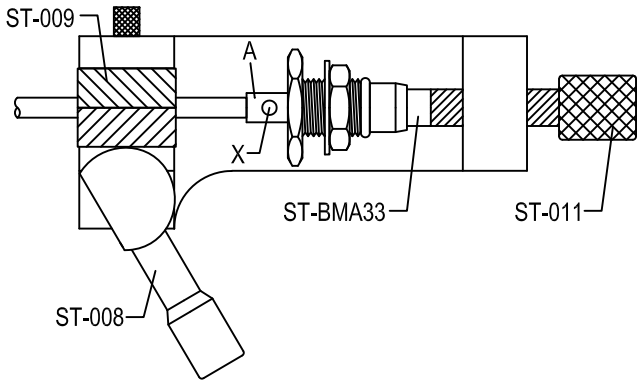
CABLE ASSEMBLY INSTRUCTION

BMA3305-0085/W	DATE	2021/02/24	REV	B

A



BODY + GASKET +
WASHER + HEX NUT

DIAGRAM	ASSEMBLY INSTRUCTION
	Step 1: STRIP AS SHOWN.
	Step 2: SHARPEN CENTER CONDUCTOR TIP.
	Step 3: SLIDE CABLE INTO CONNECTOR BODY "A".
	Step 4: USE SOLDERING FIXTURE " ST-008 ", INSERT TOOL " ST-009 " AND LOCATOR TOOL " ST-011 " AND " ST-BMA33 " TO FIX THE CONNECTOR. SOLDER IN " X ".

This part number complies with RoHS.

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

APPROVED	CHECKED	DRAWING
		Albert

BMA3305-0085/W