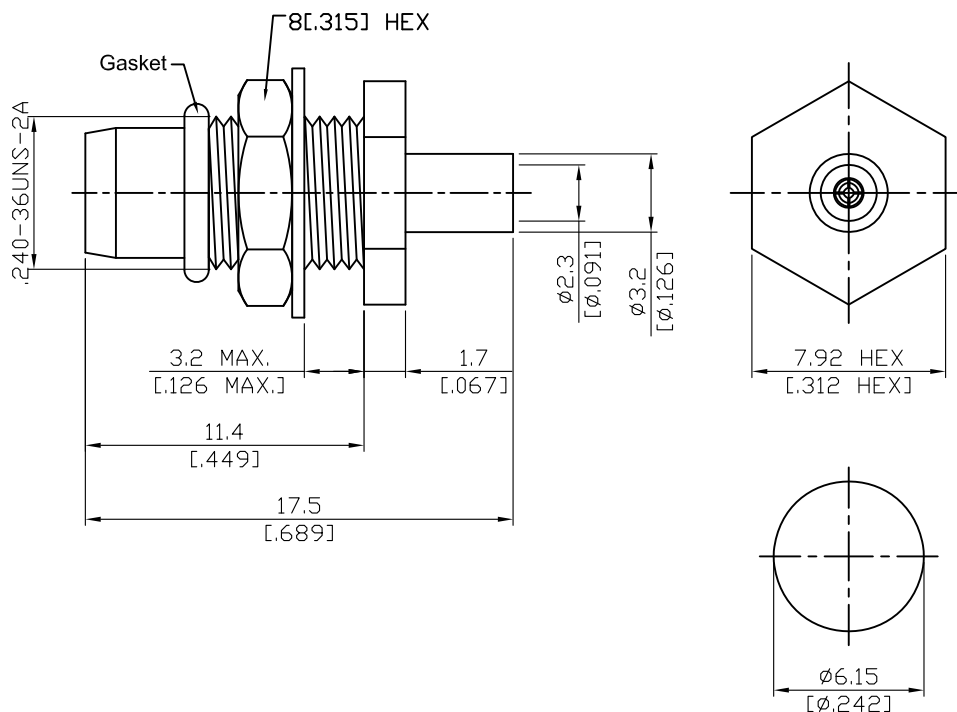


BMA3305D-0085

BMA Plug Solder Bulkhead For RG405
With .240-36UNS-2A Thread, 18GHz VSWR 1.25

50Ω



Note:

Instead of a regular 1/4-36UNS-2A thread this connector has a reduced .240-36UNS-2A thread which will fit a Ø6.15 (Ø.242) mounting hole.

MOUNTING HOLE

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

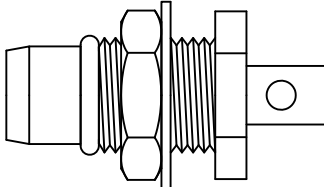
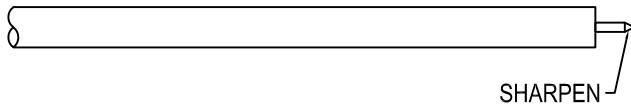
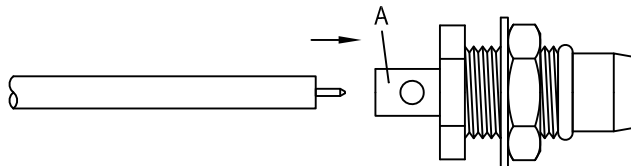
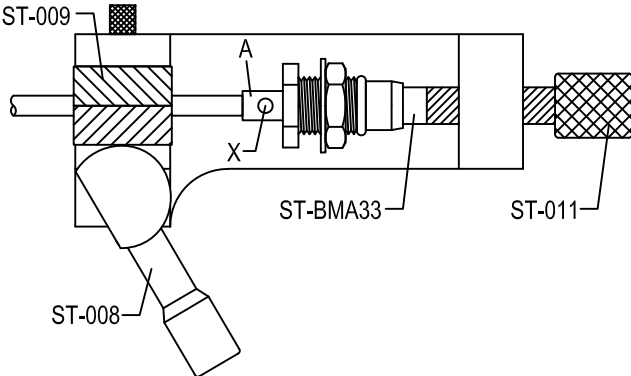
Suitable Cables: .085 Semi-Rigid, .085 Formable, RG405

BMA	BMA3305D-0085																		
Interface MIL-STD-348B																			
Electrical Data <table> <tr> <td>Impedance</td><td>50Ω</td></tr> <tr> <td>Frequency range</td><td>DC to 18GHz</td></tr> <tr> <td>VSWR</td><td>≤ 1.25(DC to 18GHz)</td></tr> <tr> <td>Insertion loss</td><td>$\leq 0.03 \times \sqrt{f(\text{GHz})}$ dB</td></tr> <tr> <td>Insulation resistance</td><td>$\geq 5000\text{M}\Omega$</td></tr> <tr> <td>Contact resistance inner conductor</td><td>$\leq 2\text{m}\Omega$</td></tr> <tr> <td>Contact resistance outer conductor</td><td>$\leq 2\text{m}\Omega$</td></tr> <tr> <td>Dielectric withstanding voltage (at sea level)</td><td>1000 V rms</td></tr> <tr> <td>Working voltage (at sea level)</td><td>670 V rms</td></tr> </table>		Impedance	50Ω	Frequency range	DC to 18GHz	VSWR	≤ 1.25 (DC to 18GHz)	Insertion loss	$\leq 0.03 \times \sqrt{f(\text{GHz})}$ dB	Insulation resistance	$\geq 5000\text{M}\Omega$	Contact resistance inner conductor	$\leq 2\text{m}\Omega$	Contact resistance outer conductor	$\leq 2\text{m}\Omega$	Dielectric withstanding voltage (at sea level)	1000 V rms	Working voltage (at sea level)	670 V rms
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Notice: JYEBAO reserves the right to make modifications deemed appropriate.

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

BMA3305D-0085		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	

BMA3305D-0085

