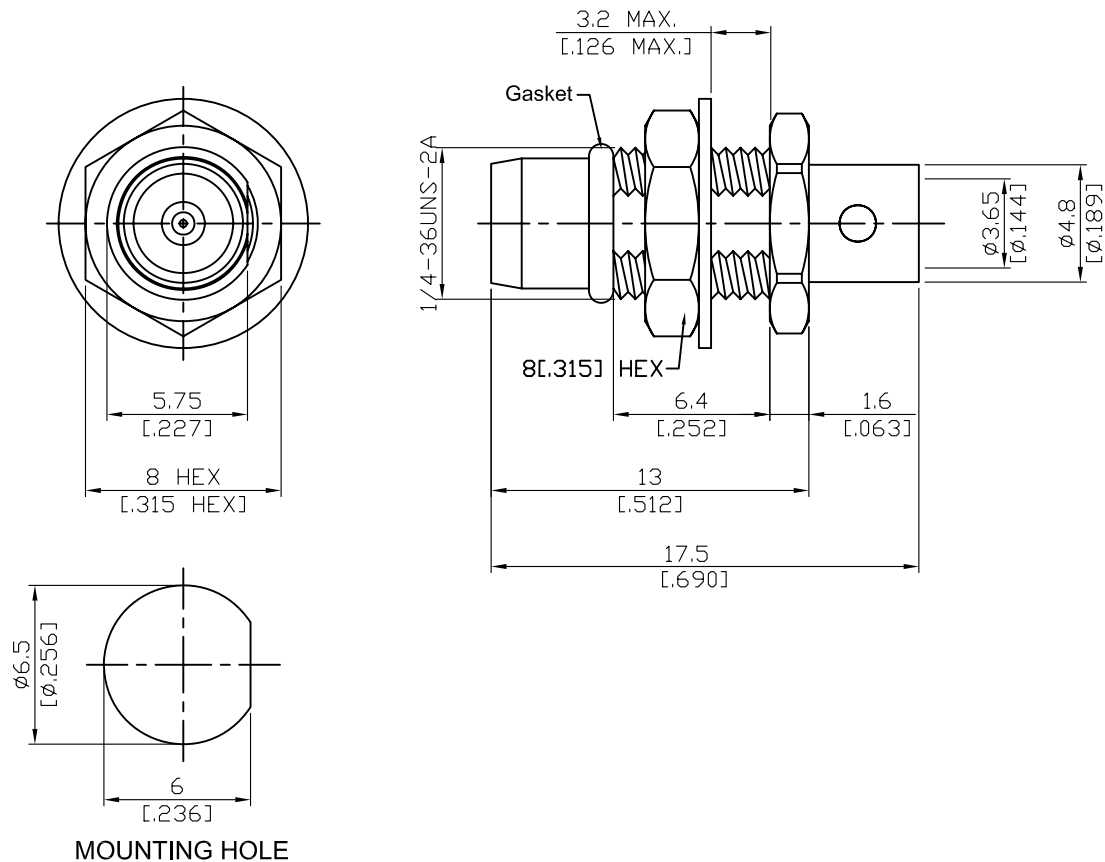


BMA3305A-0141/PIM

BMA plug solder bulkhead for RG402;
18Ghz VSWR 1.2

50Ω



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

Suitable Cables: .141 Semi-Rigid, .141 Formable, RG402

This part number complies with RoHS.

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

BMA	BMA3305A-0141/PIM																		
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>≤1.2 (DC to 18GHz)</td></tr> <tr> <td>Insertion loss</td><td>≤0.03 x √f(GHz) dB</td></tr> <tr> <td>Insulation resistance</td><td>≥5000MΩ</td></tr> <tr> <td>Contact resistance inner conductor</td><td>≤2mΩ</td></tr> <tr> <td>Contact resistance outer conductor</td><td>≤2mΩ</td></tr> <tr> <td>Dielectric withstanding voltage (at sea level)</td><td>1500 V rms</td></tr> <tr> <td>Working voltage (at sea level)</td><td>1000 V rms</td></tr> </table>		Impedance	50Ω	Frequency range	DC to 18GHz	VSWR	≤1.2 (DC to 18GHz)	Insertion loss	≤0.03 x √f(GHz) dB	Insulation resistance	≥5000MΩ	Contact resistance inner conductor	≤2mΩ	Contact resistance outer conductor	≤2mΩ	Dielectric withstanding voltage (at sea level)	1500 V rms	Working voltage (at sea level)	1000 V rms
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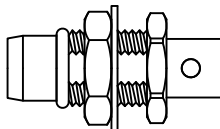
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JYE BAO CO., LTD.

CABLE ASSEMBLY RECOMMENDATION

BMA3305A-0141/PIM	DATE	2019/11/07	REV	—
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A



BODY + HEX NUT
+ LOCK WASHER
+ GASKET

DIAGRAM	ASSEMBLY INSTRUCTION
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	Step 1: STRIP AS SHOWN.
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	Step 2: SHARPEN CENTER CONDUCTOR TIP.
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	Step 3: USE SOLDERING FIXTURE " ST-008 ", INSERT TOOL " ST-010 " AND LOCATOR TOOL " ST-011 " TO FIX THE CONNECTOR. SOLDER IN " X ".
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This part number complies with RoHS.

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APPROVED	CHECKED	DRAWING	<i>Albert</i>
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BMA3305A-0141/PIM

S11

