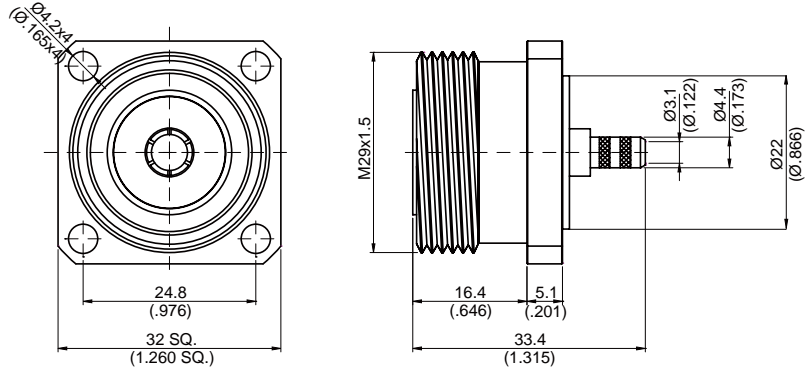
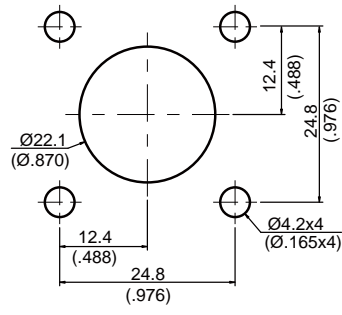


7/16-8146-0223 **7/16 jack crimp 32mm SQ 4 hole flange 50Ω**  
**For RG223; 2.5GHz VSWR 1.2**



**MOUNTING HOLE**



Parts	Material	Plating(Micro-inch)
Ferrule	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Barrel	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Contact Pin	Phosphor Bronze	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

Suitable Cables: RG223

This part number complies with RoHS.  
**Notice: JYEBAC reserves the right to make modifications deemed appropriate.**

7/16	7/16-8146-0223																				
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Interface</div> <p>IEC 60169-4</p>																					
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Electrical Data</div> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Impedance</td> <td style="text-align: right;">50Ω</td> </tr> <tr> <td>Frequency range</td> <td style="text-align: right;">DC to 2.5GHz</td> </tr> <tr> <td>VSWR</td> <td style="text-align: right;">≤ 1.2 (DC to 2.5GHz)</td> </tr> <tr> <td>Insertion loss</td> <td style="text-align: right;">≤ 0.05dB</td> </tr> <tr> <td>Insulation resistance</td> <td style="text-align: right;">≥ 10000MΩ</td> </tr> <tr> <td>Contact resistance inner conductor</td> <td style="text-align: right;">≤ 0.4mΩ</td> </tr> <tr> <td>Contact resistance outer conductor</td> <td style="text-align: right;">≤ 1.5mΩ</td> </tr> <tr> <td>Dielectric withstanding voltage (at sea level)</td> <td style="text-align: right;">4000 V rms</td> </tr> <tr> <td>Working Voltage (at sea level)</td> <td style="text-align: right;">2700 V rms</td> </tr> <tr> <td>RF leakage</td> <td style="text-align: right;">≥ 128dB to 1GHz</td> </tr> </table>		Impedance	50Ω	Frequency range	DC to 2.5GHz	VSWR	≤ 1.2 (DC to 2.5GHz)	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
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Notice: JYEBAO reserves the right to make modifications deemed appropriate.

# JYE BAO CO., LTD.

## CABLE ASSEMBLY INSTRUCTION

7/16-8146-0223	DATE	2018/06/01	REV	—
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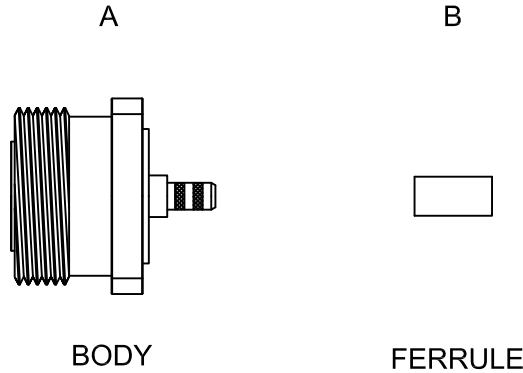
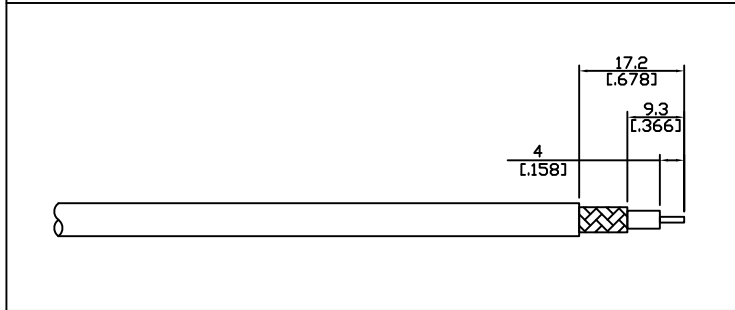
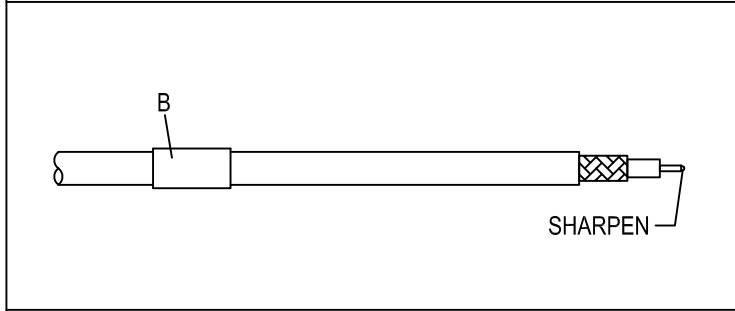


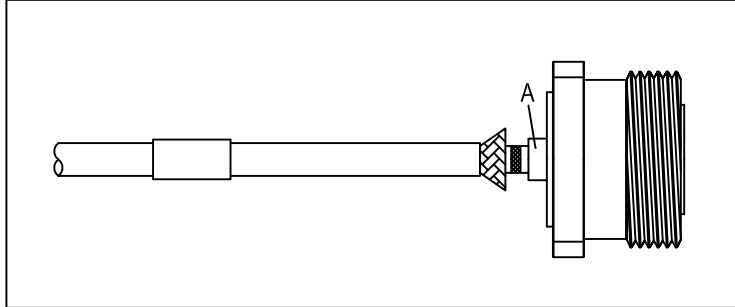
DIAGRAM	ASSEMBLY INSTRUCTION
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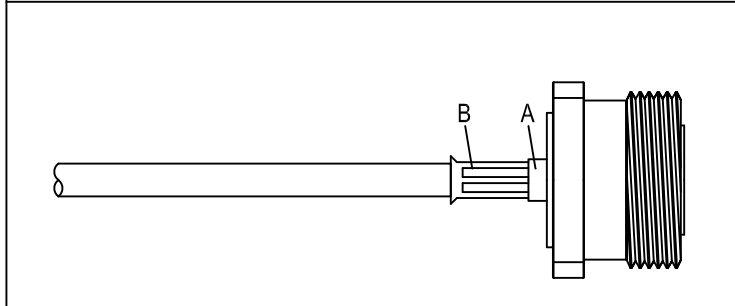
Step 1: STRIP AS SHOWN.



Step 2: SHARPEN CENTER CONDUCTOR TIP.  
Step 3: SLIDE FERRULE " B " OVER CABLE.



Step 4: LOOSEN BRAIDING AND SLIDE CONNECTOR " A " IN PLACE.



Step 5: SLIDE FERRULE " B " TOWARDS THE CONNECTOR " A " AND CRIMP.  
(USE 5.9mm/0.232inch HEX SECTION OF INSERT-B)

This part number complies with RoHS.  
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

APPROVED	CHECKED	DRAWING
		<i>Albert</i>

# 7/16-8146-0223

S11

