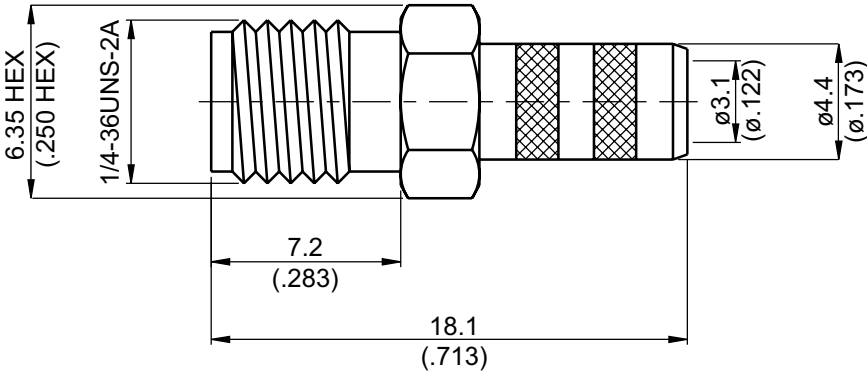


SMA9100-0142	SMA Reverse Polarity Jack Crimp For RG142,RG400; 11GHz VSWR 1.25		50Ω															
																		
<table><tr><th>Parts</th><th>Material</th><th>Plating (Micro-inch)</th></tr><tr><td>Ferrule</td><td>Brass</td><td>Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20</td></tr><tr><td>Contact Pin</td><td>Brass</td><td>Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20</td></tr><tr><td>Insulator</td><td>Teflon</td><td></td></tr><tr><td>Body</td><td>Brass</td><td>Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20</td></tr></table>				Parts	Material	Plating (Micro-inch)	Ferrule	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20	Contact Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20	Insulator	Teflon		Body	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
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Weight: 3.3 g Suitable Cables: RG142, RG400																		

This part number complies with RoHS.

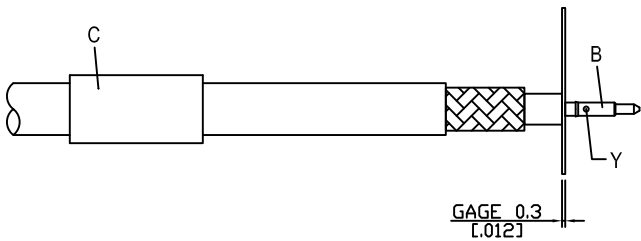
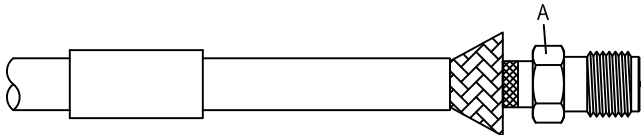
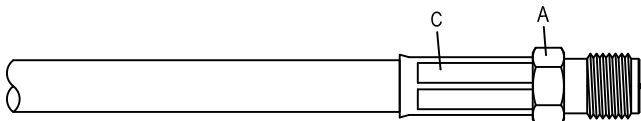
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SMA	SMA9100-0142																		
Interface Per JYEBAO SMA Reverse Polarity derived from MIL-STD-348B																			
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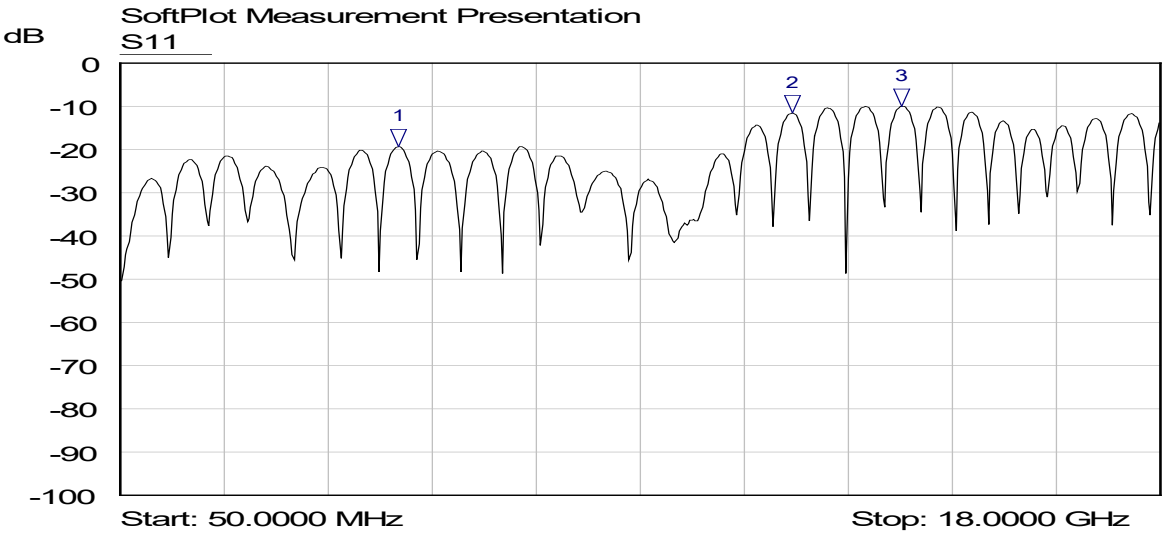
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JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

SMA9100-0142		DATE	2017/11/01	REV	—
A B C  BODY CONTACT PIN FERRULE					
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN.		
			Step 2: SLIDE FERRULE " C " OVER CABLE. Step 3: PUT 0.3 MM GAGE IN PLACE, INSERT CABLE'S CENTER CONDUCTOR INTO CENTER PIN " B " AND SOLDER OR CRIMP IN " Y ". (USE SQUARE 0.98mm/0.039inch SECTION OF INSERT-B IF CRIMPED)		
			Step 4: LOOSEN BRAIDING AND SLIDE CONNECTOR " A " IN PLACE.		
			Step 5: SLIDE FERRULE " C " TOWARDS THE CONNECTOR " A " AND CRIMP. (USE 5.5mm/0.217inch HEX SECTION OF INSERT-B)		
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

SMA9100-0142



Mkr	Trace	X-Axis	Value	Notes
1 ▽	S11	4.8464 GHz	-19.30 dB	
2 ▽	S11	11.6514 GHz	-11.58 dB	
3 ▽	S11	13.5400 GHz	-9.99 dB	