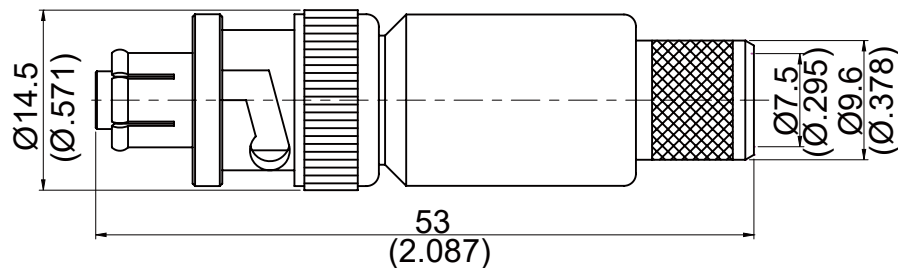


SHV3100-0011

SHV Plug Crimp For RG11

50Ω



Note: RG11 is a 75ohm cable and SHV is a 50ohm interface resulting in an impedance mismatch and poor RF performance.

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
Gasket	Silicon	
Contact Pin	Phosphor Bronze	Gold 4 Over Nickel-Phosphorous Alloy 80 Over Copper 20
Insulator	Teflon	
Washer	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Spring	SK5	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Coupling Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

Suitable Cables:RG11

This part number complies with RoHS.

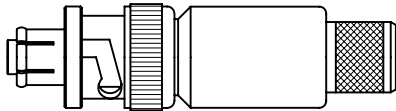
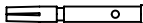
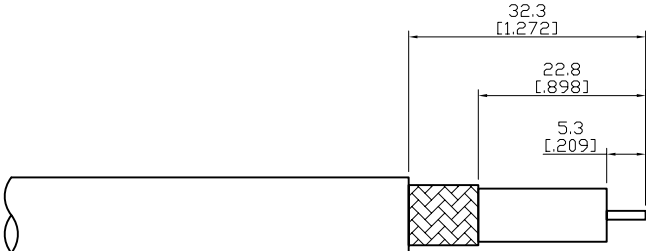
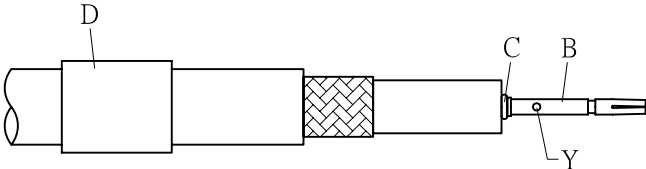
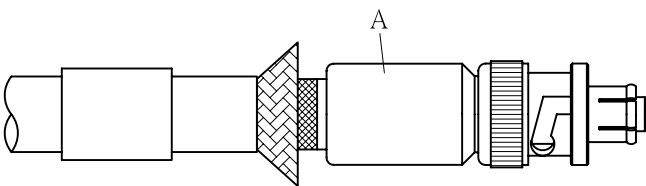
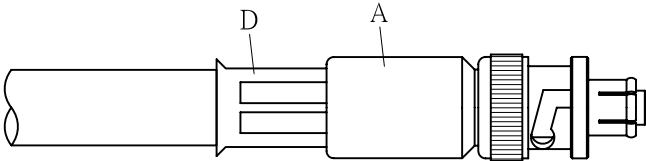
Notice: JYEBAO reserves the right to make modification deemed appropriate.

SHV	SHV3100-0011														
Interface MIL-STD-348B															
Electrical Data <table> <tr> <td>Impedance</td><td>50Ω</td></tr> <tr> <td>Frequency range</td><td>DC to 300 MHz</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>≤1.5mΩ</td></tr> <tr> <td>Dielectric withstanding voltage (at sea level)</td><td>5000 V rms</td></tr> <tr> <td>Working voltage (at sea level)</td><td>3500 V rms</td></tr> </table>		Impedance	50Ω	Frequency range	DC to 300 MHz	Insulation resistance	≥5000MΩ	Contact resistance inner conductor	≤2mΩ	Contact resistance outer conductor	≤1.5mΩ	Dielectric withstanding voltage (at sea level)	5000 V rms	Working voltage (at sea level)	3500 V rms
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JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

SHV3100-0011		DATE	2014/04/29	REV	—
A		B	C	D	
					
BODY		CONTACT PIN	GASKET	FERRULE	
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN.		
			Step 2: SLIDE FERRULE " D " OVER CABLE. Step 3: PUT GASKET " C " AND CONTACT PIN " B " ON CENTER CONDUCTOR AND SOLDER OR CRIMP IN " Y ". (USE SQUARE 1.6mm/0.063inch SECTION OF INSERT-C IF CRIMPED)		
			Step 4: LOOSEN BRAIDING AND SLIDE CONNECTOR " A " IN PLACE.		
			Step 5: SLIDE FERRULE " D " TOWARDS THE CONNECTOR " A " AND CRIMP. (USE 10.7mm/0.421inch HEX SECTION OF INSERT-C)		
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	Albert