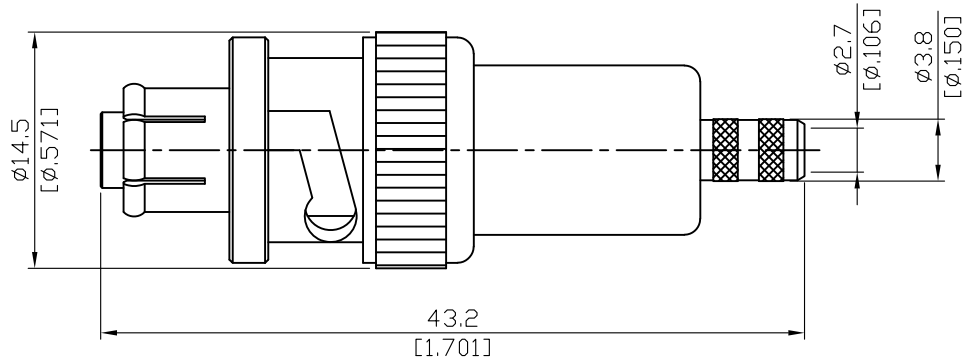


SHV3100-0316

SHV Plug Crimp For R174, RG188, RG316

50Ω



Parts	Material	Plating (Micro-inch)
Coupling Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Insulator	Teflon	
Contact Pin	P. Bronze	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Ferrule	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Washer	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Spring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Gasket	Silicone	

Suitable Cables: R174, RG188, RG316

This part number complies with RoHS.

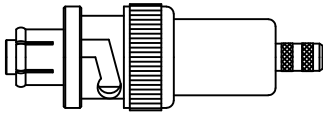
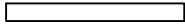
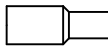
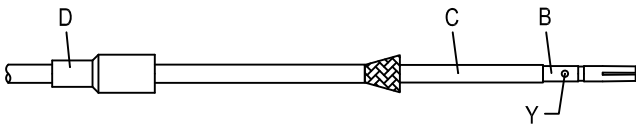
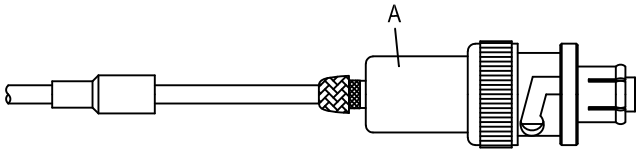
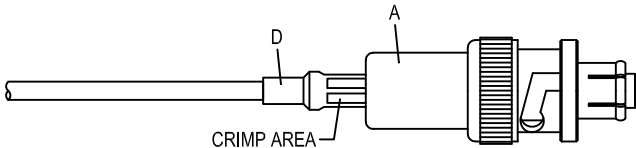
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SHV	SHV3100-0316														
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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Notice: JYEBAO reserves the right to make modifications deemed appropriate.

JYE BAO CO., LTD.

CABLE ASSEMBLY RECOMMENDATION

SHV3100-0316		DATE	2019/06/24	REV	—
A		B		C	D
					
BODY		CONTACT PIN		INSULATOR	FERRULE
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN.		
			Step 2: SLIDE FERRULE " D " OVER CABLE. Step 3: LOOSEN BRAIDING AND SLIDE INSULATOR " C " IN PLACE. Step 4: PUT PIN " B " ON CENTER CONDUCTOR AND SOLDER IN " Y ".		
			Step 5: SLIDE CONNECTOR " A " IN PLACE.		
			Step 5: SLIDE FERRULE " D " TOWARDS THE CONNECTOR " A " AND CRIMP. (USE 4.5mm/0.177inch HEX SECTION OF INSERT-D)		
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	