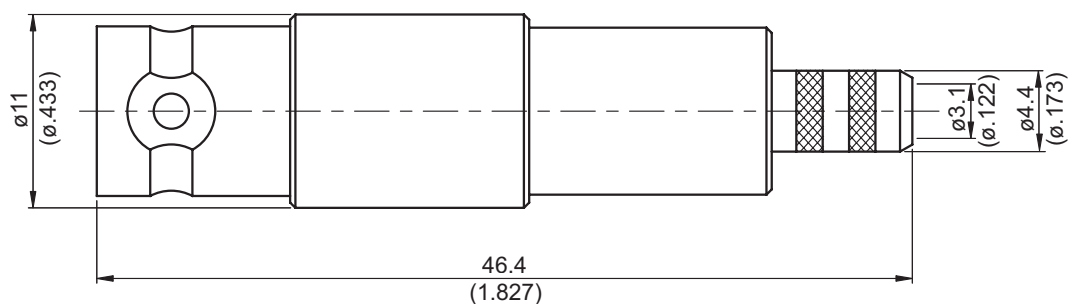


SHV8100-0223

SHV Jack Crimp

50Ω



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

Weight:

Suitable Cables: RG223

This part number complies with RoHS.

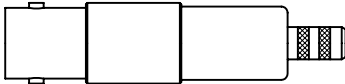
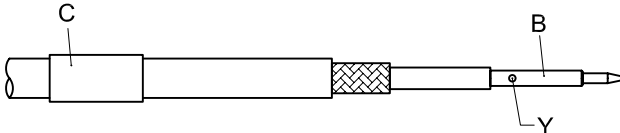
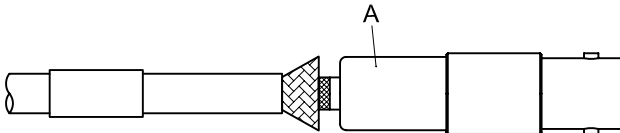
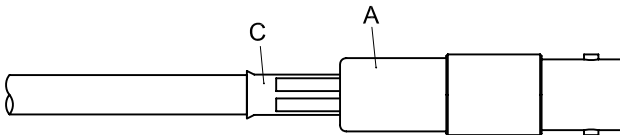
Notice: JYEBAO reserves the right to make modification deemed appropriate.

SHV	SHV8100-0223
Interface MIL-STD-348B	
Electrical Data Impedance Frequency range Insulation resistance Contact resistance inner conductor Contact resistance outer conductor Dielectric withstanding voltage (at sea level) Working voltage (at sea level)	50Ω DC to 300 MHz ≥5000MΩ ≤2mΩ ≤1.5mΩ 5000 V rms 3500 V rms
Mechanical Data Recommended coupling nut torque Coupling nut retention force Contact captivation-axial Durability (mating)	0.6 to 2.5 inch lbs ≥101.2 lbs ≥6.1 lbs ≥500
Environmental Data Temperature range Thermal shock Moisture resistance Corrosion RoHS	-65°C to +165°C MIL-STD-202, Method 107, Condition B MIL-STD-202, Method 103, Condition B MIL-STD-202, Method 101, Condition B Compliant
Tooling Crimping tool Crimp insert	CRT-1 or CRT-2 INSERT-B

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

SHV8100-0223		DATE	2014/09/01	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 PIN " B " ON CENTER CONDUCTOR AND SOLDER OR CRIMP IN " Y ". (USE SQUARE 1.6mm/0.063inch 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 5.9mm/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	
				Albert	