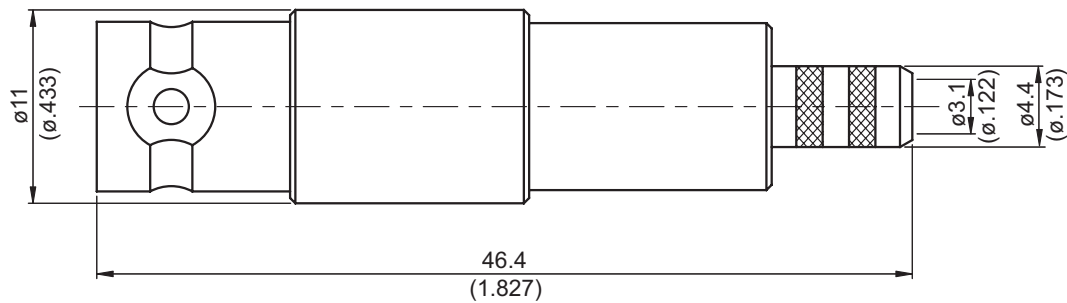


SHV8100-0058

SHV Jack Crimp For RG58, JBY195, LMR195 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

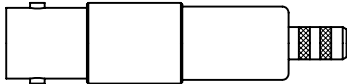
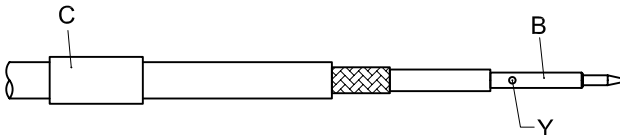
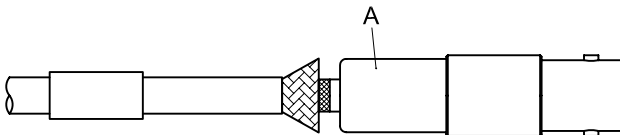
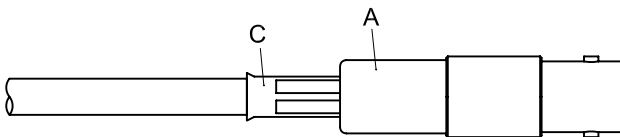
Weight: 25.74 g

Suitable Cables: RG58, JBY195, LMR195

This part number complies with RoHS.

SHV	SHV8100-0058
Interface	
MIL-STD-348B	
Electrical Data	
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
Mechanical Data	
Recommended coupling nut torque	0.6 to 2.5 inch lbs
Coupling nut retention force	≥101.2 lbs
Contact captivation-axial	≥6.1 lbs
Durability (mating)	≥500
Environmental Data	
Temperature range	-65°C to +165°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Moisture resistance	MIL-STD-202, Method 103, Condition B
Corrosion	MIL-STD-202, Method 101, Condition B
RoHS	Compliant
Tooling	
Crimping tool	CRT-1 or CRT-2
Crimp insert	INSERT-B

CABLE ASSEMBLY INSTRUCTION

SHV8100-0058		DATE	2014/09/01	REV	—
<div><div>A</div><div>B</div><div>C</div><div></div><div></div><div></div><div>BODYCONTACT PINFERRULE</div></div>					
DIAGRAM			ASSEMBLY INSTRUCTION		
			<div>Step 1: STRIP AS SHOWN.</div> <div><div>勝特力電材超市-龍山店 886-3-5773766 勝特力電材超市-光復店 886-3-5729570 勝特力电子(上海) 86-21-34970699 勝特力电子(深圳) 86-755-83298787 http://www.100y.com.tw</div></div>		
			<div>Step 2: SLIDE FERRULE " C " OVER CABLE.</div> <div>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)</div>		
			<div>Step 4: LOOSEN BRAIDING AND SLIDE CONNECTOR " A " IN PLACE.</div>		
			<div>Step 5: SLIDE FERRULE " C " TOWARDS THE CONNECTOR " A " AND CRIMP. (USE 5.5mm/0.217inch HEX SECTION OF INSERT-B)</div>		
This part number complies with RoHS.					
APPROVED		CHECKED		DRAWING	