

SHV3100-0058/PEEK SHV Plug Crimp, Radiation Resistant, For RG58, JBY195, LMR195 50Ω 44.6 (1.756)

	1			
Parts	Material	Plating(Micro-inch)		
Barrel	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20		
Ferrule	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50		
Contact Pin	Phosphor Bronze	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20		
Gasket	Silicone			
Spring	SK5	Tin-Zinc-Copper-Alloy 100 Over Copper 50		
Washer	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50		
Insulator	PEEK			
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50		
Coupling Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50		

Weight: 14.52 g

Suitable Cables: RG58, JBY195, LMR195

This part number complies with RoHS.

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

SHV		SHV3100-0058/PEEK			
Interface					
MIL-STD-348B					
Electrical Data					
Impedance		50Ω			
Frequency range		DC to 300 MHz			
Insulation resistance		≧5000MΩ			
Contact resistance inner con	ductor	≦2mΩ			
Contact resistance outer cor	nductor	≦1.5mΩ			
Dielectric withstanding voltag	ge (at sea level)	5000 V rms			
Working voltage (at sea leve	el)	3500 V rms			
Mechanical Data Recommended coupling nut Coupling nut retention force Contact captivation-axial Durability (mating)	torque	0.6 to 2.5 inch lbs ≥ 101.2 lbs ≥ 6.1 lbs ≥ 500			
Environmental Data Temperature range Thermal shock		-40°C to +165°C MIL-STD-202, Method 107, Condition B			
Moisture resistance		MIL-STD-202, Method 107, Condition B			
Corrosion		MIL-STD-202, Method 101, Condition B			
RoHS		Compliant			
Tooling Crimping tool Crimp insert		CRT-1 or CRT-2 INSERT-B			

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JYE BAO CO., LTD. CABLE ASSEMBLY INSTRUCTION

SHV3100-0058/PEEK		DATE	2016/08/22	REV	_		
А	В		С				
	<u>•</u>						
BODY	ACT PIN FERRULE						
DIAGRAM	ASSEMBLY INSTRUCTION						
(29.6 [1.165] 21.7 [.854] 4.5 [.177]	Step 1: STRIP AS	S SHOWN.				
C E	B Y	Step 3: PUT PIN ' CRIMP IN	JARE 1.6mm/0.063inch SEC	CTOR AND SOL			
		Step 4: LOOSEN	BRAIDING AND SLIDE CO	NNECTOR " A "	IN PLACE.		
C	Step 5: SLIDE FERRULE " C " TOWARDS THE CONNECTOR " A " AND CRIMP. (USE 5.5mm/0.217inch HEX SECTION OF INSERT-B)						
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APPROVED	CHECKED	ncations deer	DRAWING	Albert			