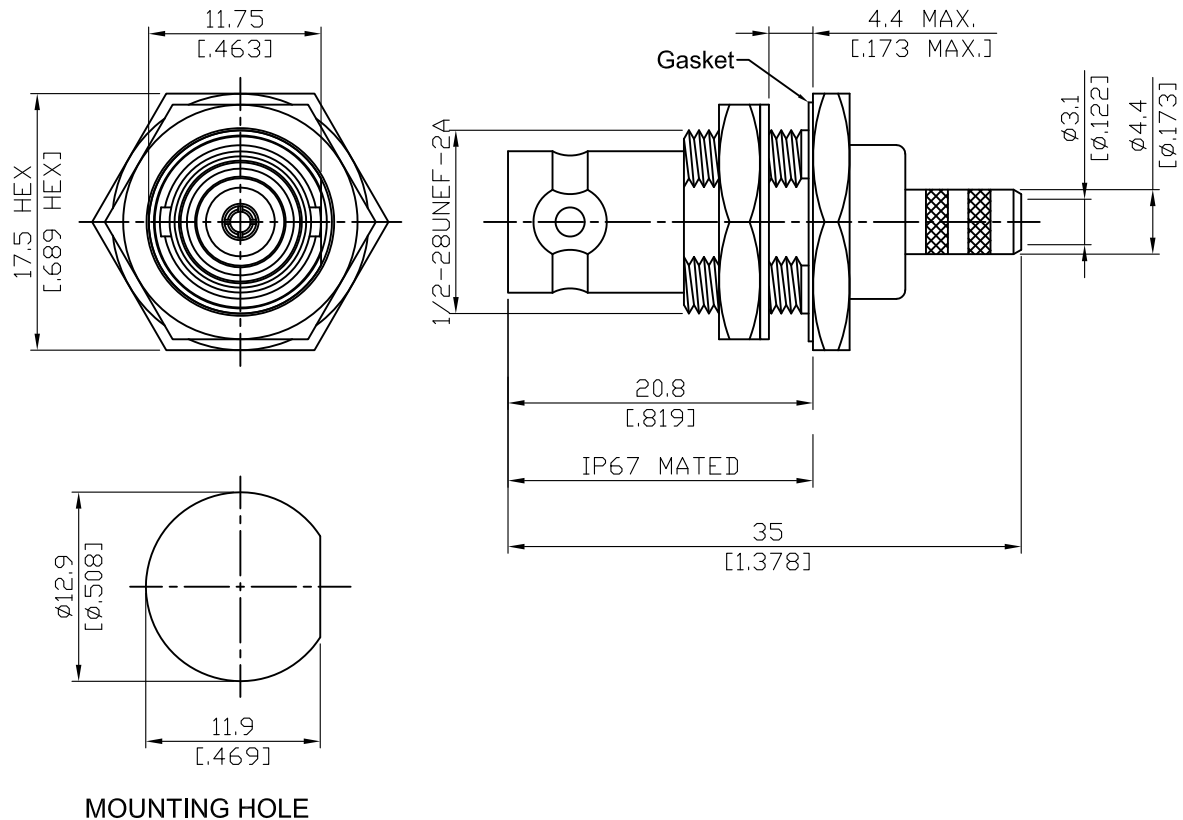


MHV8105-0058

MHV Jack Crimp Bulkhead,
IP67 Mated, For RG58

50Ω



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

Suitable Cables: RG58, JBY195, LMR195

This part number complies with RoHS.

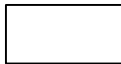
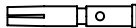
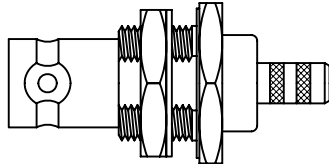
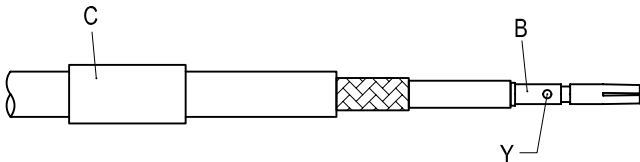
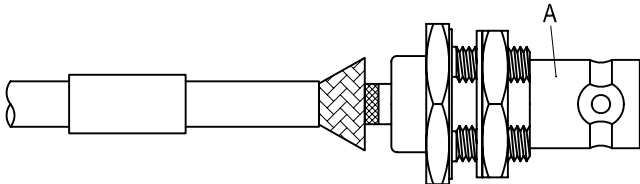
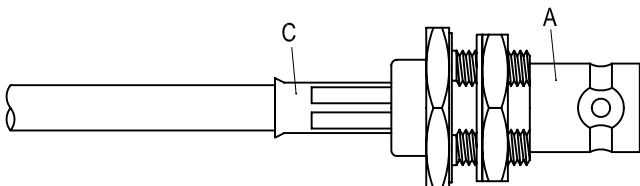
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

MHV	MHV8105-0058
Interface MIL-STD-348B	
Electrical Data Impedance50Ω Frequency rangeDC to 300 MHz Insulation resistance $\geq 5000\text{M}\Omega$ Contact resistance inner conductor $\leq 2\text{m}\Omega$ Contact resistance outer conductor $\leq 1\text{m}\Omega$ Dielectric withstanding voltage (at sea level)5000 V rms Working Voltage (at sea level)1600 V rms	
Mechanical Data Recommended coupling nut torque0.6 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 shockMIL-STD-202, Method 107, Condition B Moisture resistanceMIL-STD-202, Method 106 CorrosionMIL-STD-202, Method 101, Condition B RoHSCompliant	
Tooling Crimping toolCRT-1 or CRT-2 Crimp insertINSERT-B	

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

MHV8105-0058		DATE	2016/07/20	REV	—
A B C  BODY + GASKET + WASHER + HEX NUT 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 5.5mm/0.217inch 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	