

GHV-009 kV Seal Unibody HV Rectangular Connector Plug

HOW TO ORDER						
Sample Part Number	GHV-009	-E	6	S	4	-12
Series	GHV-009 = kV Seal Unibody HV Rectangular Connector Plug					
Shell Size	See Table II					
Arrangement	A2: B3: C4: D4: E6: F8:					
Wire Construction	S = Silicone-Coated Fluoropolymer T = Continuously-Etched Fluoropolymer					
Wire Color Code	X = 10-Color Repeating (per MIL-STD-681)					
Total Length	in inches (e.g. -36 = 36 inches) 12" minimum needed for testing					

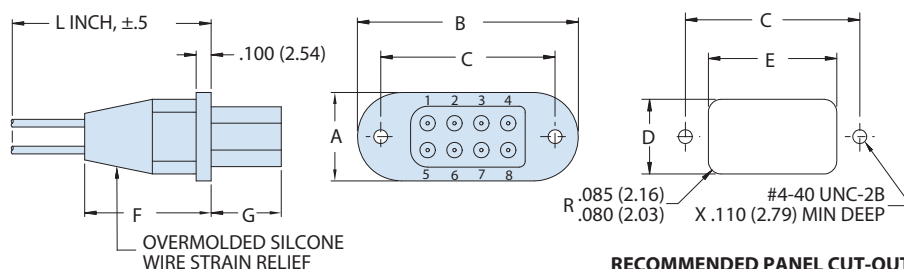
PERFORMANCE SPECIFICATIONS

- Temperature: -55 to +125°C
- Suggested operating voltage: 15 kVDC through 70k ft.
- DWV - 21 kVDC; 10 uA max leakage current at sea level/ambient conditions
- IR - 5000 megohms min at 500 VDC
- Optional mod code **1223*** may be added to the end of the part number to include high altitude testing in final inspection.
- Current - 3 amps max per 24 AWG conductor
- Mates with GHV-010 with corresponding interface.

MATERIAL / FINISH

- Shell, insulator - high grade rigid dielectric / N.A.
- Seals - silicone / N.A.
- Contacts - copper alloy / gold plated
- Wire construction - silver plated stranded copper conductors with fluoropolymer insulation, or silicone coated fluoropolymer insulation. See How to Order table.

TABLE II: SHELL SIZE							
SYM	A ±.010	B ±.010	C BSC	D ±.005	E ±.005	F	G ±.005
A	.400 (10.16)	1.215 (30.86)	.850 (21.59)	.310 (7.87)	.485 (12.32)	.875 (22.23) .805 (20.45)	.477 (12.12)
B		1.390 (35.31)	1.025 (26.04)		.660 (16.76)		
C		1.565 (39.75)	1.200 (30.48)		.835 (21.21)		
D	.575 (14.61)	1.215 (30.86)	.850 (21.59)	.485 (12.32)	.485 (12.32)	.875 (22.23) .805 (20.45)	.477 (12.12)
E		1.390 (35.31)	1.025 (26.04)		.660 (16.76)		
F		1.565 (39.75)	1.200 (30.48)		.835 (21.21)		



RECOMMENDED PANEL CUT-OUT