

WPI's Class L Connector MIL-C-22992 Qualified

WPI's new Class L cable-mount* connector, qualified per MIL-C-22992, MS90556 and MS90557, is rugged and durable for your extreme military and industrial power applications.

WPI, a leader in the interconnect market for over 30 years, provides a heavy-duty solution for power and control applications. Contact a WPI representative for competitive pricing.



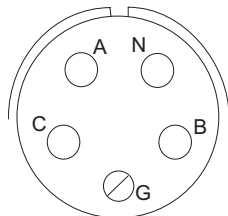
Materials and Finish

Shell-MS90556, MS90557 (Currently QPLed)

- ◆ Shell Size 32
- ◆ Alluminum alloy, olive-drab cadmium over nickel, conductive.

Contact

- ◆ Pin-M39029/48
- ◆ Socket-M39029/49
- ◆ 5-contact configuration.
- ◆ Copper alloy, silver over nickel.



Features

- ◆ Heavy-duty gaskets for weatherproof connections.
- ◆ Automatic grounding
- ◆ Current rating 60 amps.
- ◆ Mating/unmating 500 cycles.

*Panel-mount connector and complete line of Class L series available soon. Call for availability.



23 Front Street
Salem, NJ 08079
P: 856-935-7560
F: 856-935-0102

E: info@wpi-interconnect.com
W: www.wpi-interconnect.com

A HUBZone Certified Company

Environmental & Mechanical Testing

Thermal Shock

- ♦ -55°C to +125°C.
- ♦ MIL-STD-1344, Method 1003, test condition A.

Moisture Resistance

- ♦ MIL-STD-202, Method 106.
- ♦ Mated and wired.

Durability

- ♦ MIL-C-22992

Salt Spray

- ♦ MIL-STD-1344, Method 1001.

Vibration

- ♦ MIL-STD-1344, Method 2005.
- ♦ Mated and wired.

High Impact

- ♦ MIL-STD-202, Method 207.
- ♦ Mated and wired.

Drop

- ♦ MIL-C-22992.

Heat Rise

- ♦ MIL-C-22992.

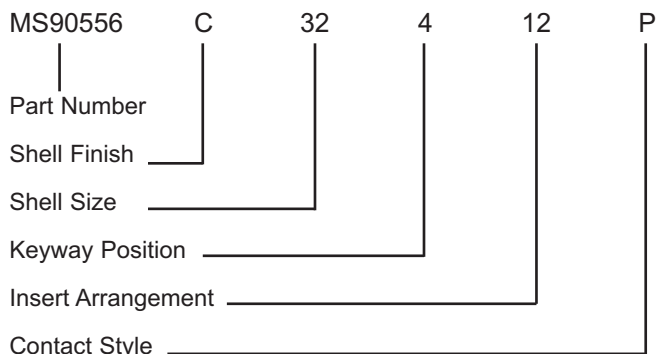
Fluid Immersion

- ♦ MIL-C-22992.

Water Immersion

- ♦ MIL-C-22992.

Ordering Information



WPI General Connector Part Numbers:
 MS90556C32412P Male Connector
 MS90557C32412S Female Connector
 M39029/48 Pin contact
 M39029/49 Socket contact

Contacts can be purchased separately. Consult WPI.

Key/Keyway Information

Keyway Position

- ♦ N = Normal
- ♦ 4 = 120°, 5 = 135°, 6 = 150°

Grounding Assembly

Shell Master Key/Keyway Position						
60Hz and 400Hz						
1 Phase			3 Phase			
2 Wire		3 Wire	3 Wire	4 Wire		
120 VAC	240 VAC	120/240 VAC	450/480 VAC	120/208 VAC	240/416 VAC	277/480 VAC
4 (120°)	5 (135°)	4 (120°)	—	4 (120°)	5 (135°)	6 (150°)

Non-Grounding Assembly

Shell Master/Key Keyway Position
DC
2 Wire
28 VDC
N (105°)

Insert Arrangements

Alternate insert arrangements available. Contact manufacturer

Insert Arrangement	Keying Position	
	DC or 60 Hz Normal	400 Hz
		Y
32-12	0	180
32-13	0	180



23 Front Street
 Salem, NJ 08079
 P: 856-935-7560
 F: 856-935-0102
 E: info@wpi-interconnect.com
 W: www.wpi-interconnect.com