

M24308 Series – MIL-C-24308 Crimp & Poke



[Products](#) » [D-subminiature](#) » M24308 Series – MIL-C-24308 Crimp & Poke

Features

Meets all MIL-C-24308 Class G specifications.

- Crimp and Poke.
- Offered in 9, 15, 25, 37, and 50 position plugs and sockets except right-angle (9 to 37 positions).
- Monoblock green diallyl phthalate insulator for improved electrical performance.

Materials

- Insulator Material: Glass-filled diallyl phthalate (green) per MIL-M-14, Type SDG-F.
- Connector Shell: Steel with cadmium plating and yellow chromate finish.
- Contact Material: Plug – Brass (machined), Socket – Phosphor bronze (machined).
- Contact Plating: 50µin. gold over copper or nickel.

Mechanical

- Individual Contact Insertion and Separation Force (minimum/maximum): 0.7 oz./12 oz.
- Durability: 500 mating cycles

Electrical

- Withstanding Voltage: Minimum 1250V RMS @ sea level
- Current Rating: 5 Amps
- Contact Resistance: 2.7 milliohms maximum
- Insulation Resistance: 5000 megohms maximum (initial); 1000 megohms (minimum) after environmental testing

Environmental

- Operating Temperature: -65°C to + 125°C
 - Shock: 50G peak per MIL-STD-202, Method 213, Condition G
 - Vibration: 12 cycles in three perpendicular directions @ 10-2000Hz, per MIL-STD-202 Method 204, Condition D
 - Moisture Resistance: 90-95% relative humidity @ 40°C for 96 hours per MIL-STD-202, Method 103
-

Part Numbers

Ordering Information

Crimp and Poke Plugs

Contacts Included. Insertion/Extraction Tool Not Included.

Positions	Mounting Holes	Float Bushings
9	M24308/4-1F	M24308/4-302F
15	M24308/4-2F	M24308/4-303F
25	M24308/4-3F	M24308/4-304F
37	M24308/4-4F	M24308/4-305F
50	M24308/4-5F	M24308/4-306F

Ordering Information

Crimp and Poke Plugs

Contacts Not Included. Insertion/Extraction Tool Not Included.

Positions	Mounting Holes	Float Bushings
9	M24308/4-259F	M24308/4-324F
15	M24308/4-260F	M24308/4-325F
25	M24308/4-261F	M24308/4-326F
37	M24308/4-262F	M24308/4-327F
50	M24308/4-263F	M24308/4-328F

Ordering Information

Crimp and Poke Sockets

Contacts Included. Insertion/Extraction Tool Not Included.

Positions	Mounting Holes	Float Bushings
9	M24308/2-1F	M24308/2-23F
15	M24308/2-2F	M24308/2-24F
25	M24308/2-3F	M24308/2-25F
37	M24308/2-4F	M24308/2-26F
50	M24308/2-5F	M24308/2-27F

Ordering Information

Crimp and Poke Sockets

Contacts Not Included. Insertion/Extraction Tool Not Included.

Positions	Mounting Holes	Float Bushings
9	M24308/2-281F	M24308/2-292F
15	M24308/2-282F	M24308/2-293F
25	M24308/2-283F	M24308/2-294F
37	M24308/2-284F	M24308/2-295F
50	M24308/2-285F	M24308/2-296F

Contacts

Pin [M39029/64-369](#)

Socket [M39029/63-368](#)

- Available with .120 mounting holes or float bushings.
- Order with contacts included or separately.
- Order tool #CIET-20-HD separately.
- Contact Insertion/Extraction Tool: #CIET-20-HD (Military #M81969/39-01).
- Wire termination hand tool: #M22520/2-01.
- Positioner for machine contacts for hand tool #M22520/2-08 (locates contact in the correct position).