

## M24308 Series – MIL-C-24308 Crimp & Poke

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### Features | Part Numbers

#### 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

[Click here for D-Sub Shell Dimensions and Contact Arrangements](#)

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### Part Numbers

#### Ordering Information

##### Crimp and Poke Plugs

**Contacts Included. Insertion/Extraction Tool Not Included.**

Positions	Mounting Holes	Float Bushings
9	<a href="#">M24308/4-1F</a>	<a href="#">M24308/4-302F</a>
15	<a href="#">M24308/4-2F</a>	<a href="#">M24308/4-303F</a>
25	<a href="#">M24308/4-3F</a>	<a href="#">M24308/4-304F</a>
37	<a href="#">M24308/4-4F</a>	<a href="#">M24308/4-305F</a>
50	<a href="#">M24308/4-5F</a>	<a href="#">M24308/4-306F</a>

#### Ordering Information

##### Crimp and Poke Sockets

**Contacts Not Included. Insertion/Extraction Tool Not Included.**

Positions	Mounting Holes	Float Bushings
9	<a href="#">M24308/4-259F</a>	<a href="#">M24308/4-324F</a>
15	<a href="#">M24308/4-260F</a>	<a href="#">M24308/4-325F</a>
25	<a href="#">M24308/4-261F</a>	<a href="#">M24308/4-326F</a>
37	<a href="#">M24308/4-262F</a>	<a href="#">M24308/4-327F</a>
50	<a href="#">M24308/4-263F</a>	<a href="#">M24308/4-328F</a>

#### Ordering Information

##### Crimp and Poke Sockets

**Contacts Included. Insertion/Extraction Tool Not Included.**

Positions	Mounting Holes	Float Bushings
9	<a href="#">M24308/2-1F</a>	<a href="#">M24308/2-23F</a>
15	<a href="#">M24308/2-2F</a>	<a href="#">M24308/2-24F</a>
25	<a href="#">M24308/2-3F</a>	<a href="#">M24308/2-25F</a>
37	<a href="#">M24308/2-4F</a>	<a href="#">M24308/2-26F</a>
50	<a href="#">M24308/2-5F</a>	<a href="#">M24308/2-27F</a>

#### Ordering Information

##### Crimp and Poke Sockets

**Contacts Not Included. Insertion/Extraction Tool Not Included.**

Positions	Mounting Holes	Float Bushings
9	<a href="#">M24308/2-281F</a>	<a href="#">M24308/2-292F</a>
15	<a href="#">M24308/2-282F</a>	<a href="#">M24308/2-293F</a>
25	<a href="#">M24308/2-283F</a>	<a href="#">M24308/2-294F</a>
37	<a href="#">M24308/2-284F</a>	<a href="#">M24308/2-295F</a>
50	<a href="#">M24308/2-285F</a>	<a href="#">M24308/2-296F</a>

#### Contacts

Description	
Pin	<a href="#">M39029/64-369</a>
Socket	<a href="#">M39029/63-368</a>

- 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).

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