



Crimp & Poke Series 3 High Reliability Metal Shell

[Features](#) | [Additional Information](#) | [Part Numbers](#)

Features

High-reliability in a commercial grade connector.

- Monoblock diallyl phthalate insulator for improved electrical performance.
- Offered in 9, 15, 25, 37, and 50 position plugs and sockets.
- Offered with .120 mounting holes & 4-40 clinch nuts.
- Commercial version of M24308 Military connectors with tin-plated or zinc-plated shell and 30µin. gold contact plating.
- Select RoHS versions available
- Screw Machine Crimp and Poke contacts available as follows:
 - Note that all contacts are packed loose.
 - Plating options: 30µin. gold.
 - Can be included with the connector or purchased separately (FO part numbers).

Materials

- Insulator Material: Glass fiber-filled diallyl phthalate (green), UL 94V-0
- Connector Shell: Steel with zinc plating and yellow chromate finish RoHS shell – zinc plated with clear chromate
- Contact Material: Plug – Brass (machined), Socket – Phosphor bronze (machined)
- Contact Plating: 30µin. gold over nickel
- 4-40 Clinch Nut: Steel with cadmium plating and yellow chromate finish.

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

[back to top](#)

Additional Information

Tooling Information

- 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)

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

[back to top](#)

Part Numbers

Ordering Information

Crimp and Poke – Plugs
Zinc-Plated Shell with Yellow Chromate Finish

Positions	Mounting Holes		4-40 Clinch Nuts	
	30µ in. Gold Contacts	Without Contacts	30µ in. Gold Contacts	Without Contacts
9	DEMA-9P	DEMA-9P-FO	DEMAE-9P	DEMAE-9P-FO
15	DAMA-15P	DAMA-15P-FO	DAMAE-15P	DAMAE-15P-FO
25	DBMA-25P	DBMA-25P-FO	DBMAE-25P	DBMAE-25P-FO
37	DCMA-37P	DCMA-37P-FO	DCMAE-37P	DCMAE-37P-FO
50	DDMA-50P	DDMA-50P-FO	DDMAE-50P	DDMAE-50P-FO

Ordering Information

Crimp and Poke – Plugs
Tin-Plated Shells with Grounding Indents

Positions	Mounting Holes		4-40 Clinch Nuts	
	30µ in. Gold Contacts	Without Contacts	30µ in. Gold Contacts	Without Contacts
9	DEMA-9PTI	DEMA-9PTI-FO	DEMAE-9PTI	DEMAE-9PTI-FO
15	DAMA-15PTI	DAMA-15PTI-FO	DAMAE-15PTI	DAMAE-15PTI-FO
25	DBMA-25PTI	DBMA-25PTI-FO	DBMAE-25PTI	DBMAE-25PTI-FO
37	DCMA-37PTI	DCMA-37PTI-FO	DCMAE-37PTI	DCMAE-37PTI-FO
50	DDMA-50PTI	DDMA-50PTI-FO	DDMAE-50PTI	DDMAE-50PTI-FO

Ordering Information

Crimp and Poke – Sockets
Zinc-Plated Shell with Yellow Chromate Finish

Positions	Mounting Holes		4-40 Clinch Nuts	
	30µ in. Gold Contacts	Without Contacts	30µ in. Gold Contacts	Without Contacts
9	DEMA-9S	DEMA-9S-FO	DEMAE-9S	DEMAE-9S-FO
15	DAMA-15S	DAMA-15S-FO	DAMAE-15S	DAMAE-15S-FO
25	DBMA-25S	DBMA-25S-FO	DBMAE-25S	DBMAE-25S-FO
37	DCMA-37S	DCMA-37S-FO	DCMAE-37S	DCMAE-37S-FO
50	DDMA-50S	DDMA-50S-FO	DDMAE-50S	DDMAE-50S-FO

Ordering Information

Crimp and Poke – Sockets
Tin-Plated Shell

Positions	Mounting Holes		4-40 Clinch Nuts	
	30µ in. Gold Contacts	Without Contacts	30µ in. Gold Contacts	Without Contacts
9	DEMA-9ST	DEMA-9ST-FO	DEMAE-9ST	DEMAE-9ST-FO
15	DAMA-15ST	DAMA-15ST-FO	DAMAE-15ST	DAMAE-15ST-FO
25	DBMA-25ST	DBMA-25ST-FO	DBMAE-25ST	DBMAE-25ST-FO

	Mounting Holes		4-40 Clinch Nuts	
Positions	30µ in. Gold Contacts	Without Contacts	30µ in. Gold Contacts	Without Contacts
37	DCMA-37ST	DCMA-37ST-FO	DCMAE-37ST	DCMAE-37ST-FO
50	DDMA-50ST	DDMA-50ST-FO	DDMAE-50ST	DDMAE-50ST-FO

Contacts Description

Pin	M39029/64-369
Socket	M39029/63-368

Ordering Information for RoHS Crimp & Poke Zinc w/Clear Chromate – Plugs

	Mounting Holes	Drawing	4-40 Clinch Nuts	Drawing
	Without	W/ Mt.	Without	w/ 4-40
Positions	Contacts	Holes	Contacts	Clinch Nuts
9	DEMAH-9P-FO	PDF	DEMAEH-9P-FO	pdf
15	DAMAH-15P-FO	pdf	DAMAEH-15P-FO	pdf
25	DBMAH-25P-FO	pdf	DBMAEH-25P-FO	pdf
37	DCMAH-37P-FO	pdf	DCMAEH-37P-FO	pdf
50	DDMAH-50P-FO	pdf	DDMAEH-50P-FO	pdf

Ordering Information for RoHS Crimp & Poke Zinc w/Clear Chromate – Sockets

	Mounting Holes	4-40 Clinch Nuts
	Without	Without
Positions	Contacts	Contacts
9	DEMAH-9S-FO	DEMAEH-9S-FO
15	DAMAH-15S-FO	DAMAEH-15S-FO
25	DBMAH-25S-FO	DBMAEH-25S-FO
37	DCMAH-37S-FO	DCMAEH-37S-FO
50	DDMAH-50S-FO	DDMAEH-50S-FO

[back to top](#)

[Markets](#) [Products](#) [About](#) [Literature](#) [Environmental Initiatives](#) [News](#) [Sales Contacts](#) [Employment](#) [Contact Us](#) [Sitemap](#) [Rep Portal](#)

© 2015 Cinch Connectors [Legal](#) [All Rights Reserved](#) [Sales Terms & Conditions](#) [European Sales Terms & Conditions](#) [Purchasing Terms & Conditions](#)

[Stock Check](#) [Bel Fuse](#) [Fibreco](#) [GigaCom](#) [Cinch Connectivity Solutions](#)



[Sign Up for Cinch News](#)

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Fiber Optic Connectors](#) category:

Click to view products by [Bel Fuse](#) manufacturer:

Other Similar products are found below :

[0004700001](#) [6100-R](#) [6313](#) [F709034706](#) [F709722200](#) [F709730000](#) [F718183204](#) [F727403500](#) [F727752800](#) [FCXO-12-3BY](#) [FO-SCREW\(M2X6\)](#) [9440F20-27S-190](#) [944-120-6001](#) [944-125-6003](#) [9441F10SL-3P](#) [953-101-5310-P](#) [954-101-57202B](#) [A0270169](#) [12-9122](#) [12-5702](#) [143025NC](#) [DSAKB](#) [AX101713](#) [AX102420](#) [AX103923](#) [AX104193](#) [AX104230](#) [AX104562](#) [AX104683](#) [AX105203-B25](#) [AX105205-S1](#) [EHSC2M](#) [17-300800](#) [180-044NF06-11-2S](#) [180-044NF06-17-8P](#) [180-044NF07-11-2S](#) [181-011-126](#) [181-011-S](#) [181-057-126](#) [BT34IW](#) [HRFCP-HSCJ-1\(61\)](#) [HRFC-R2\(40\)](#) [NKSOPBUY](#) [20500002116](#) [2064996-1](#) [20800001065](#) [2170](#) [9132](#) [2612](#) [2620](#)