

MICRO-CRIMP RECTANGULAR CONNECTORS

Series 793 Dual-Bay



793-017

Receptacle, Cable Mount, Horizontal, Crimp

- ◆ Cable mount
- ◆ Pin contacts
- ◆ Crimp termination



Dual bay cable mount. Space-saving 793-017 connector features high-density, high current and high frequency capabilities, saves size and weight compared to legacy rack-and-panel types. Connector has two inserts. Machined scoop-proof shell has groove for attaching backshell. Size 23 contacts are included with connector; size 8, 12, and 16 contacts are ordered separately. Connectors become non-scoop proof at parallel horizontal angles of entry from 16°–47°.

- Aerospace-grade high-density rectangular connector with two inserts
- Scoop-proof polarization
- M39029-type contacts: crimp termination, rear-release
- Scoop-proof interface with recessed pins

INSERT ARRANGEMENTS

Identification numbers are mating face of receptacle (pin) connector



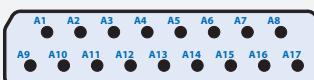
102

102 #23 Contacts



4W4

4 #8 Contacts



17W17

17 #16 Contacts



68W2

66 #23, 2 #12 Contacts



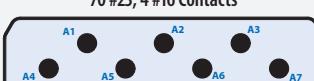
40W4

36 #23, 4 #12 Contacts



74W4

70 #23, 4 #16 Contacts



7W7

7 #12 Contacts



19W6

13 #23, 6 #12 Contacts

HOW TO ORDER

Sample Part Number	793-017P	A4W4	B102	M	E	S	B
Basic Part Number	793-017P	Receptacle, Pin Contacts					
Bay "A" Insert Arr.	A102 A4W4 A17W17	A68W2 A40W4 A74W4	A7W7 A19P6				
Bay "B" Insert Arr.	B102 B4W4 B17W17	B68W2 B40W4 B74W4	B7W7 B19P6				
Shell Finish	M MT N TZ ZR	Electroless Nickel Nickel / PTFE Olive Drab Cadmium Tin-Zinc Black Zinc-Nickel					
EMI Springs	E N	EMI Springs No EMI Springs					
Hardware Option Table 1	N K L P S T	Thru-Hole No Hardware Extended Jackscrews Slot head male Jackscrews Socket head male Female Jackposts Screwlocks Socket head male Extended Screwlocks Slot head male					
Polarization Key Option	Enter Letter Designator for Position A , B , C , or D per Mod Code 1502 (see page D-5 for details) Omit for none						

TABLE ONE HARDWARE OPTION

	K Extended Jackscrew Slot Head		L Jackscrew Socket Head		P Female Jackpost With Nut, Lockwasher		S Screwlock Socket Head		T Extended Screwlock Slot Head
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RATINGS

- Voltage (DWV): size 23 contacts 750 VAC, Size 8, 12 and 16: 1800 VAC
- Current: #23 5A, #16 13A, #12 23A, #8 46A
- Operating temperature: -65 to +150 °C
- Durability: 500 mating cycles
- Shock: 300 g
- Vibration: 20 g random
- Altitude immersion: 75,000 feet
- Ingress protection: IP67

CONSTRUCTION

- Contacts: Copper alloy, gold over nickel finish
- Shell: Aluminum
- Insulators: High performance thermoplastic
- Wire grommet, face seal: Fluorosilicone/silicone blend
- Contact retaining clip: Beryllium copper, unplated
- Hardware: Stainless steel

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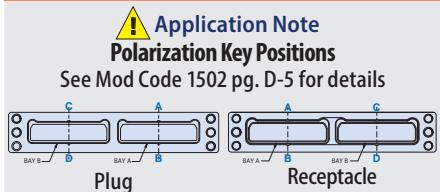
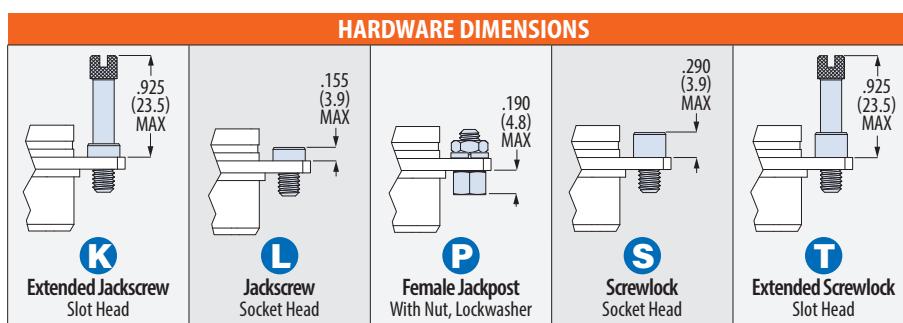
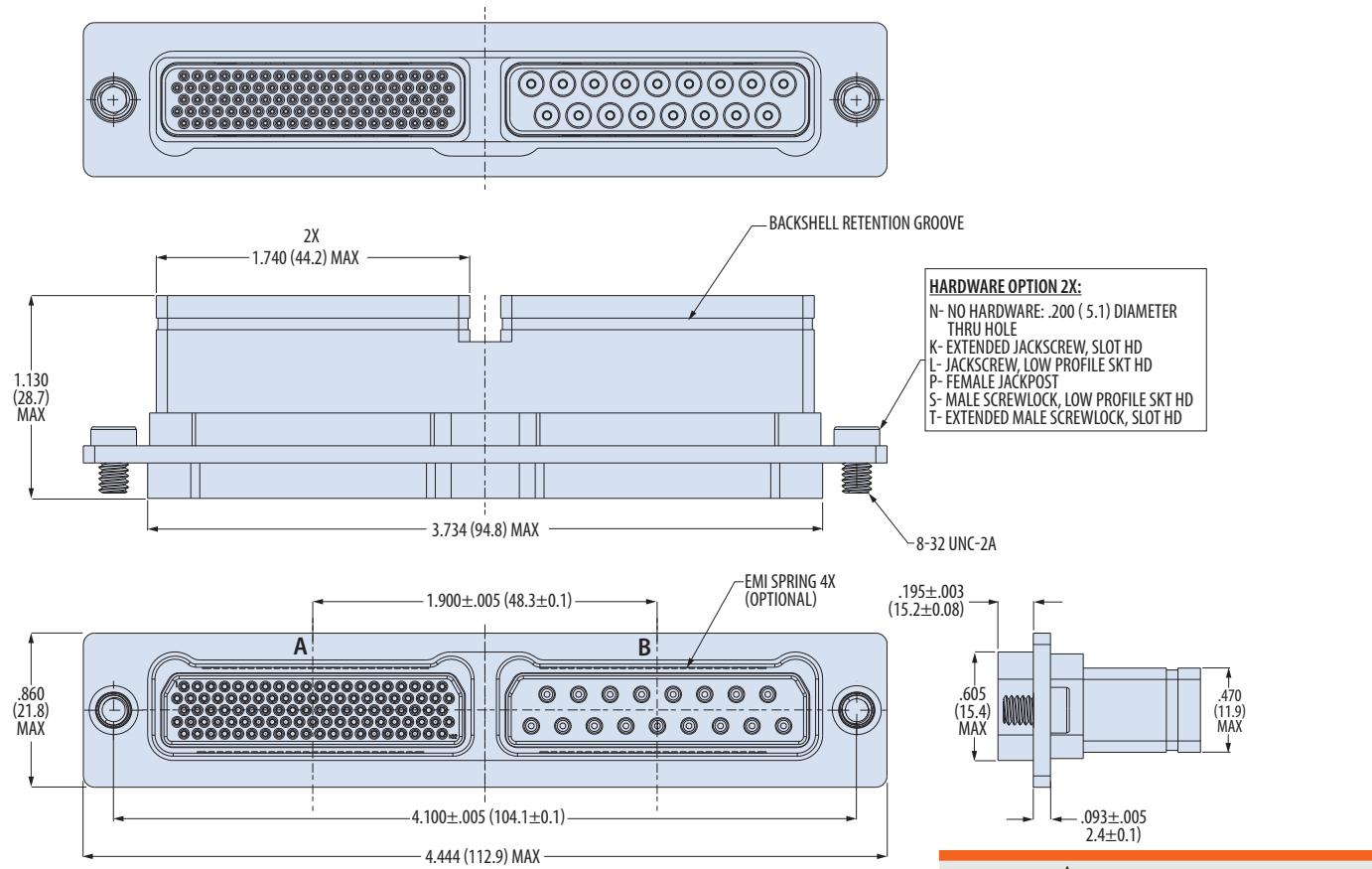
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CRIMP CONTACTS

Size 23 contacts are included with connector. Size 16, 12, and 8 contacts are not included and are ordered separately. See "Contacts and Tools" section for crimp tool info and coaxial contact ordering information.	Contact Size	Pin Contact Part No.	AWG Wire Size
	23	809-001	22 – 28
	16	809-110 (M39029/58-364)	16 – 20
	12	809-112 (M39029/58-365)	12 – 14
	8	850-014F	8

Use backshell part number **799-015** (Size M). Two backshells are required per connector. Two piece backshell has lip to lock into groove on connector. Available in top entry, side entry and 45° entry.