

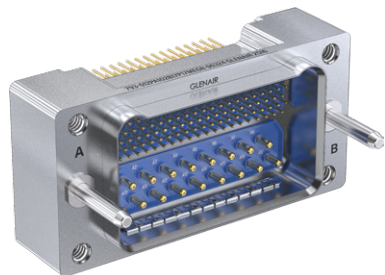
MICRO-CRIMP RECTANGULAR CONNECTORS

Series 793 Dual-Bay



793-012
 Receptacle, Panel Mount, Vertical, Straight PCB Tails

- ◆ Rear panel mounting
- ◆ Pin contacts
- ◆ PCB tails

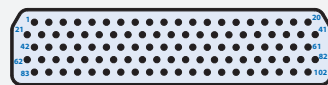


Dual bay, blind mating, PC tails. Space-saving 793-012 connector features high-density and high current capabilities, saves size and weight compared to legacy rack-and-panel types. Connector has factory-installed straight PC tail contacts. PC tails are encapsulated with epoxy potting compound. Mounting holes have stainless steel helicoils for easy rear panel attachment. Connectors become non-scoop proof at parallel horizontal angles of entry from 16°–47°.

- Aerospace-grade rectangular rack-and-panel connector
- Dual bay vertical
- Environmental

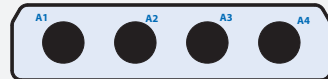
INSERT ARRANGEMENTS

Identification numbers are mating face of receptacle (pin) connector



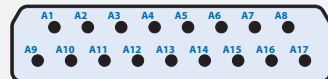
102

102 #23 Contacts



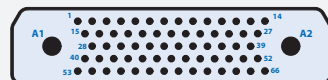
4W4

4 #8 Contacts



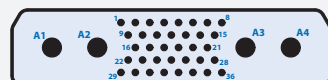
17W17

17 #16 Contacts



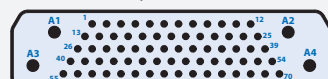
68W2

66 #23, 2 #12 Contacts



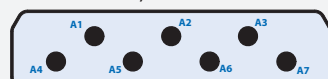
40W4

36 #23, 4 #12 Contacts



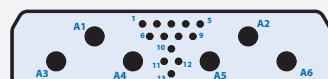
74W4

70 #23, 4 #16 Contacts



7W7

7 #12 Contacts



19W6

13 #23, 6 #12 Contacts

HOW TO ORDER

Sample Part Number		793-012P			A102	B7P7	M	E	B	A	B
Basic Part Number	793-012P Receptacle, Pin Contacts										
Bay "A" Insert Arr.	A102 A4P4 A17P17	A68P2 A40P4 A74P4	A7P7 A19P6								
Bay "B" Insert Arr.	B102 B4P4 B17P17	B68P2 B40P4 B74P4	B7P7 B19P6								
Shell Finish	M Electroless Nickel										
	MT Nickel / PTFE										
	N Olive Drab Cadmium										
	TZ Tin-Zinc										
	ZR Black Zinc-Nickel										
EMI Spring	E EMI Spring										
	N No EMI Spring										
Hardware Option Table 1	P Female Jackposts										
	G Guide Pins <i>For blind mating</i>										
	B Guide Bushings <i>For blind mating</i>										
PCTail Length	A .125 (3.2)										
	B .250 (6.4)										
Polarization Key Option	Enter Letter Designator for Position A, B, C, D, E, F, G, H, J, K, L , or M per Mod Code 1502 (see page D-5 for details) Omit for none										

TABLE 1 HARDWARE OPTION

P Female Jackpost	G Guide Pin	B Guide Bushing

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
- Ground spring: BeCu, electroless nickel plated
- Face seal: Fluorosilicone/silicone blend
- Hardware: Stainless steel
- Encapsulant: Epoxy

MICRO-CRIMP RECTANGULAR CONNECTORS

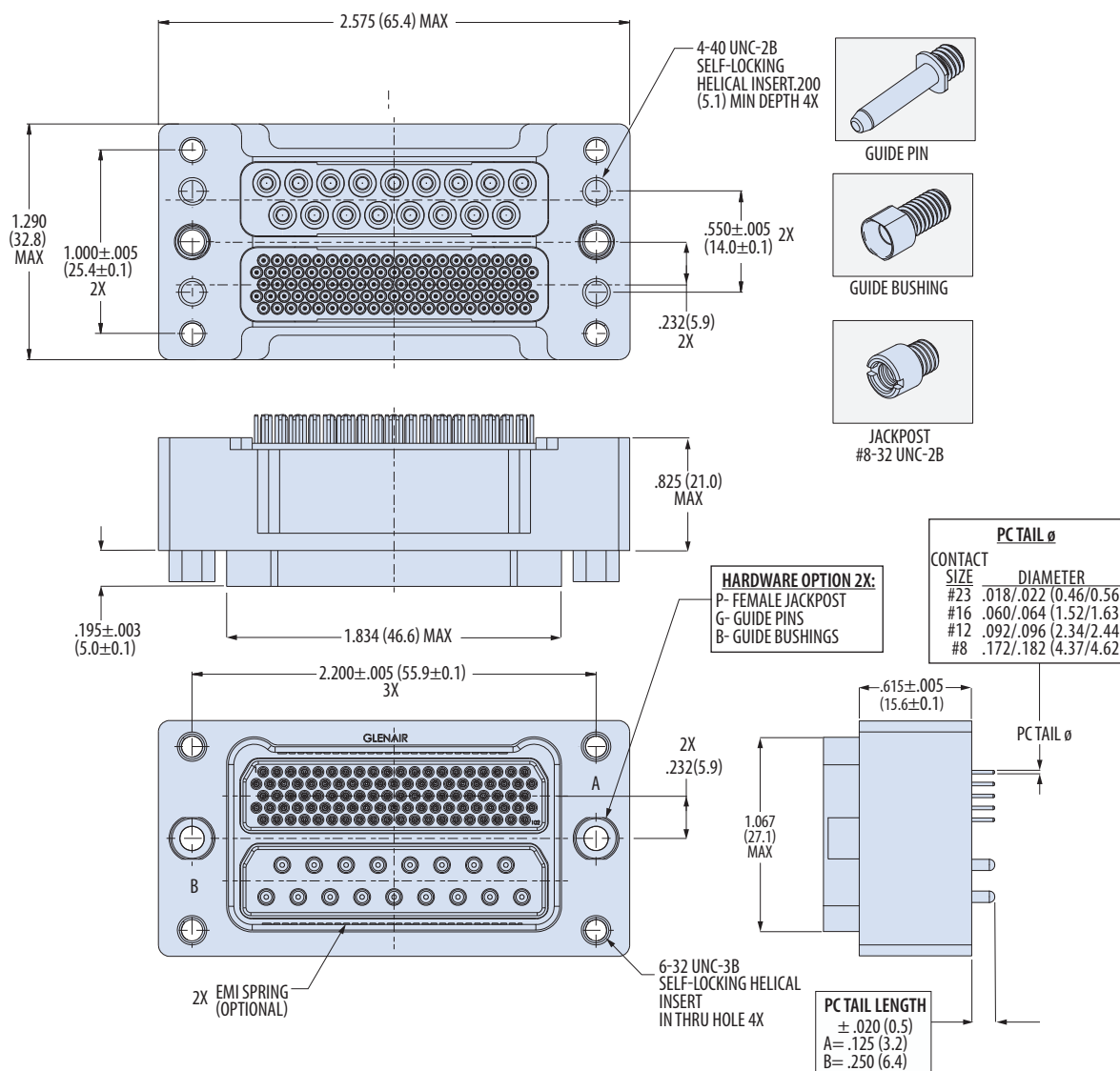
Series 793 Dual-Bay



793-012

Receptacle, Panel Mount, Vertical, Straight PCB Tails

- ◆ Rear panel mounting
- ◆ Pin contacts
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SERIES 793 DUAL-BAY

Application Note

Polarization Key Positions

See Mod Code 1502 pg. D-5 for details

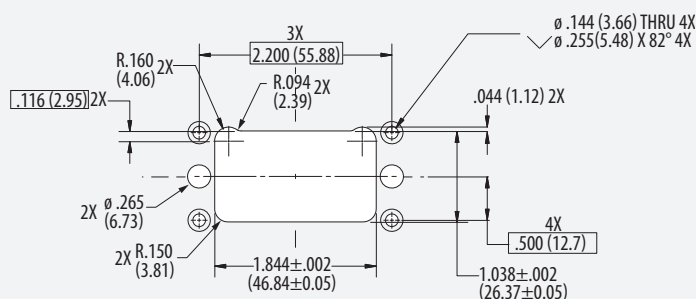


Plug



Receptacle

PANEL CUTOUT FOR REAR MOUNTING



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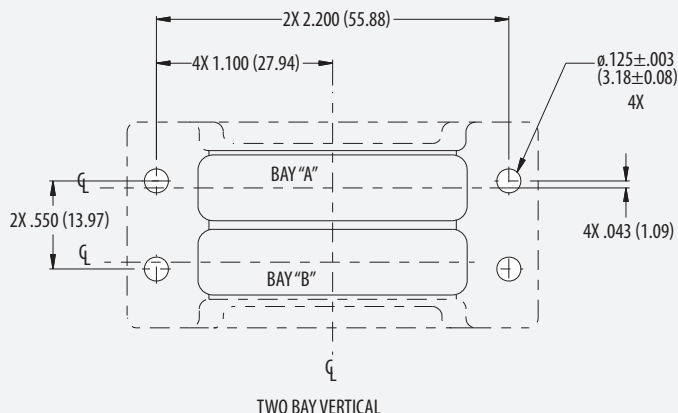
SERIES
793
Dual-Bay

793-012

Receptacle, Panel Mount, Vertical, Straight PCB Tails

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PCB FOOTPRINTS FOR 793-011 CONNECTOR



PCB hole patterns are for the **connector mounting side** of the circuit board.
Identification numbers are for P/N 790-011 plug with socket contacts.

