

MICRO-CRIMP RECTANGULAR CONNECTORS

Series 793 Dual-Bay



793-009

Plug, Panel Mount, Horizontal, 90° PCB Tails

- ◆ Rear panel mounting
- ◆ Socket contacts
- ◆ 90° PCB tails



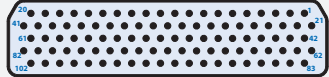
Dual bay, blind mating, PC tails.

Space-saving 793-009 connector features high-density and high current capabilities, saves size and weight compared to legacy rack-and-panel types. Connector has factory-installed 90° PC tail contacts. PC tails are encapsulated with epoxy potting compound. Mounting holes have self-locking threaded inserts for easy rear panel attachment. Connector has metal EMI cover over right angle PC terminals. Connectors become non-scoop proof at parallel horizontal angles of entry from 16°–47°.

- Aerospace-grade rectangular rack-and-panel receptacle connector
- Dual bay horizontal with 90° PC terminals
- Environmental
- Socket contacts

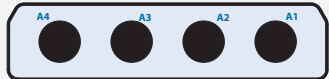
INSERT ARRANGEMENTS

Identification numbers are mating face of plug (socket) connector



102

102 #23 Contacts



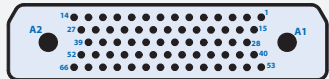
4W4

4 #8 Contacts



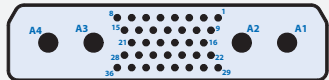
17W17

17 #16 Contacts



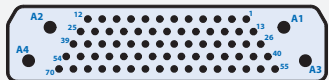
68W2

66 #23, 2 #12 Contacts



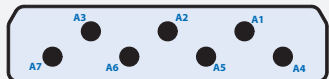
40W4

36 #23, 4 #12 Contacts



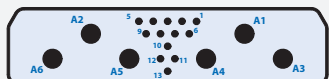
74W4

70 #23, 4 #16 Contacts



7W7

7 #12 Contacts



19W6

13 #23, 6 #12 Contacts

HOW TO ORDER

Sample Part Number

793-009S

A17P17

B102

M

G

A

B

Basic Part Number

793-009S

Plug, Socket Contacts

Bay "A" Insert Arr.

A102

A68P2

A7P7

A4P4

A40P4

A19P6

A17P17

A74P4

Bay "B" Insert Arr.

B102

B68P2

B7P7

B4P4

B40P4

B19P6

B17P17

B74P4

Shell Finish

M

Electroless Nickel

MT

Nickel / PTFE

N

Olive Drab Cadmium

TZ

Tin-Zinc

ZR

Black Zinc-Nickel

Hardware Option Table 1

P

Female Jackposts

G

Guide Pins For blind mating

B

Guide Bushings For blind mating

PC Tail Length

A

.125 (3.2)

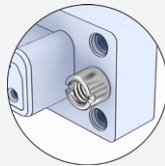
B

.250 (6.4)

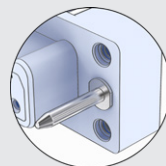
Polarization Key Option

Enter Letter Designator for Position **A, B, C,** or **D** per Mod Code 1502 (see page D-5 for details) **Omit** for none

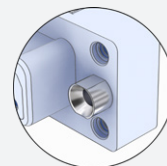
TABLE 1 HARDWARE OPTION



Female Jackpost



Guide Pin



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
- EMI shroud: Aluminum
- Insulators: High performance thermoplastic
- Face seal: Fluorosilicone/silicone blend
- Hardware: Stainless steel
- Encapsulant: Epoxy

MICRO-CRIMP RECTANGULAR CONNECTORS

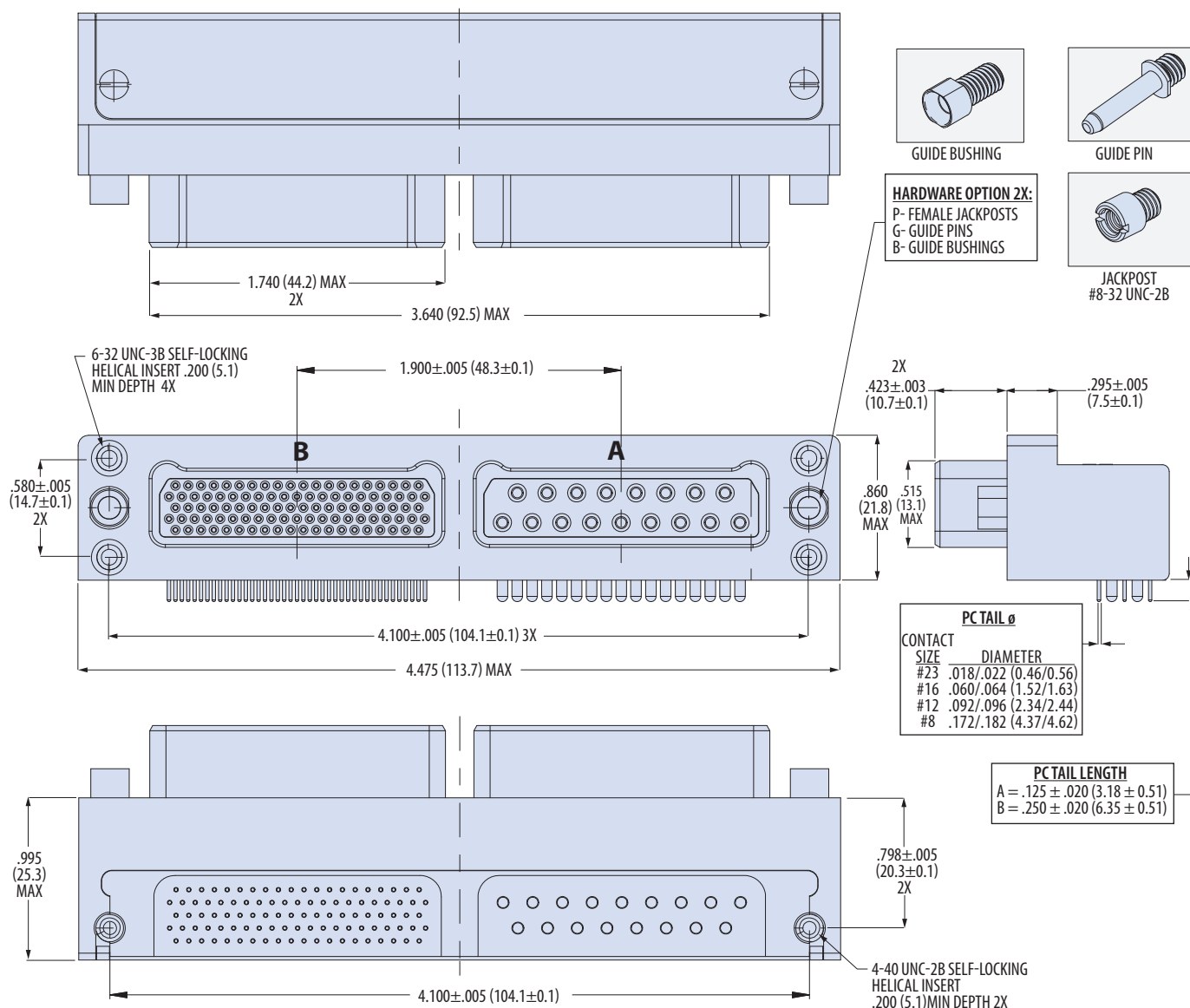
Series 793 Dual-Bay



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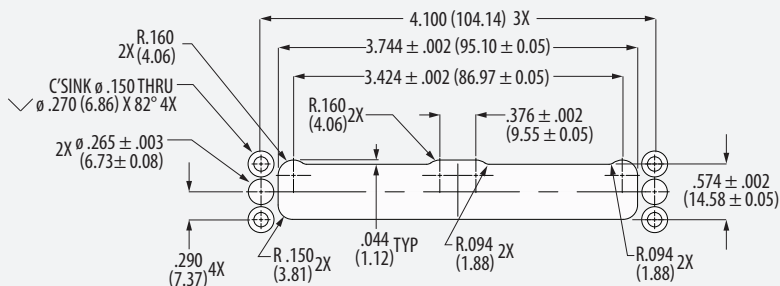
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- ◆ Rear panel mounting
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- ◆ 90° PCB tails



SERIES 793 DUAL-BAY

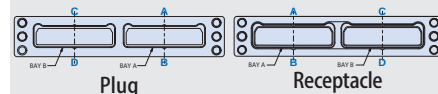
PANEL CUTOUT FOR REAR MOUNTING



Application Note

Polarization Key Positions

See Mod Code 1502 pg. D-5 for details



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Series 793 Dual-Bay

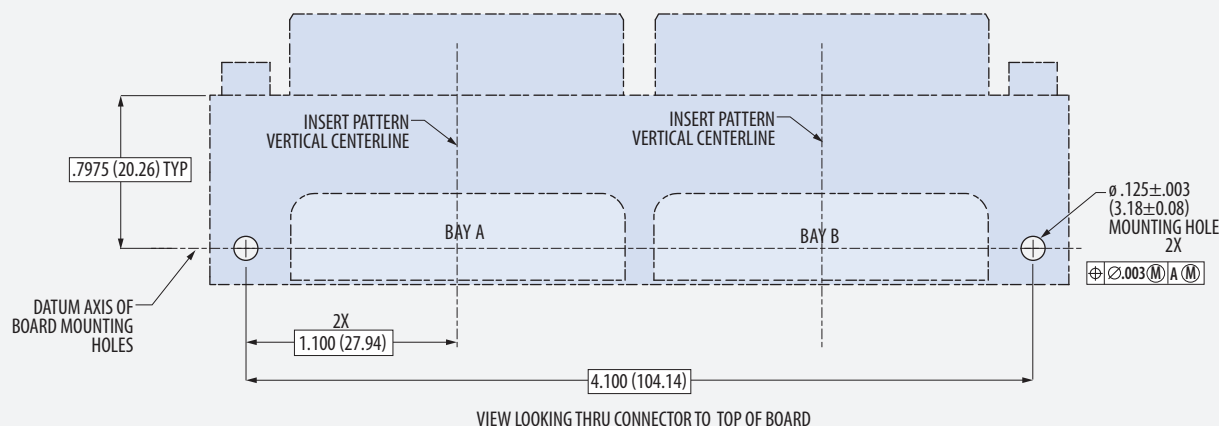
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PCB FOOTPRINTS FOR 793-009 CONNECTOR



PCB hole patterns below are shown for the **connector mounting side** of the circuit board.

