

MICRO-CRIMP RECTANGULAR CONNECTORS

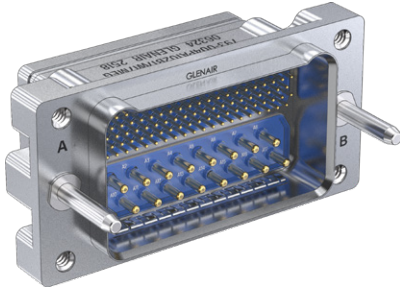
Series 793 Dual-Bay



793-004

Receptacle, Panel Mount, Vertical, Crimp

- ◆ Rear panel mounting
- ◆ Pin contacts
- ◆ Crimp termination

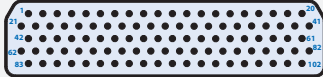


Dual bay blind mating. Space-saving 793-004 connector features high-density, high current and high frequency capabilities, saves size and weight compared to legacy rack-and-panel types. Rear grommet provides environmental protection. Machined scoop-proof shell has groove for attaching backshell. Size 23 contacts are included with connector; size 8, 12 or 16 contacts are ordered separately. 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

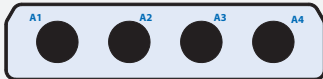
INSERT ARRANGEMENTS

Identification numbers are mating face of receptacle (pin) connector



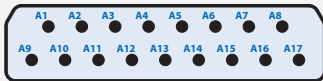
102

102 #23 Contacts



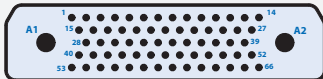
4W4

4 #8 Contacts



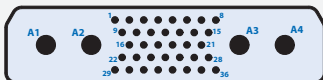
17W17

17 #16 Contacts



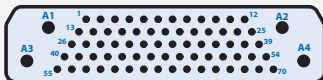
68W2

66 #23, 2 #12 Contacts



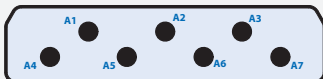
40W4

36 #23, 4 #12 Contacts



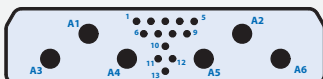
74W4

70 #23, 4 #16 Contacts



7W7

7 #12 Contacts



19W6

13 #23, 6 #12 Contacts

HOW TO ORDER

Sample Part Number

793-004P

A4W4

B102

TZ

E

P

B

Basic Part Number

793-004P

Receptacle,
Pin Contacts

Bay "A" Insert Arr.

A102

A68W2

A7W7

A4W4

A40W4

A19W6

A17W17

A74W4

Bay "B" Insert Arr.

B102

B68W2

B7W7

B4W4

B40W4

B19W6

B17W17

B74W4

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 For blind mating

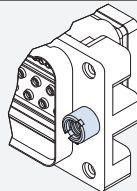
B

Guide Bushings For blind mating

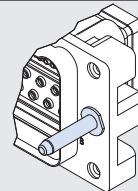
Polarization Key Option

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

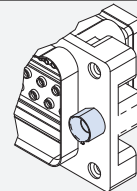
TABLE 1 HARDWARE OPTION



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
- Wire grommet, face seal: Fluorosilicone/silicone blend
- Contact retaining clip: Beryllium copper, unplated
- Hardware: Stainless steel

MICRO-CRIMP RECTANGULAR CONNECTORS

Series 793 Dual-Bay

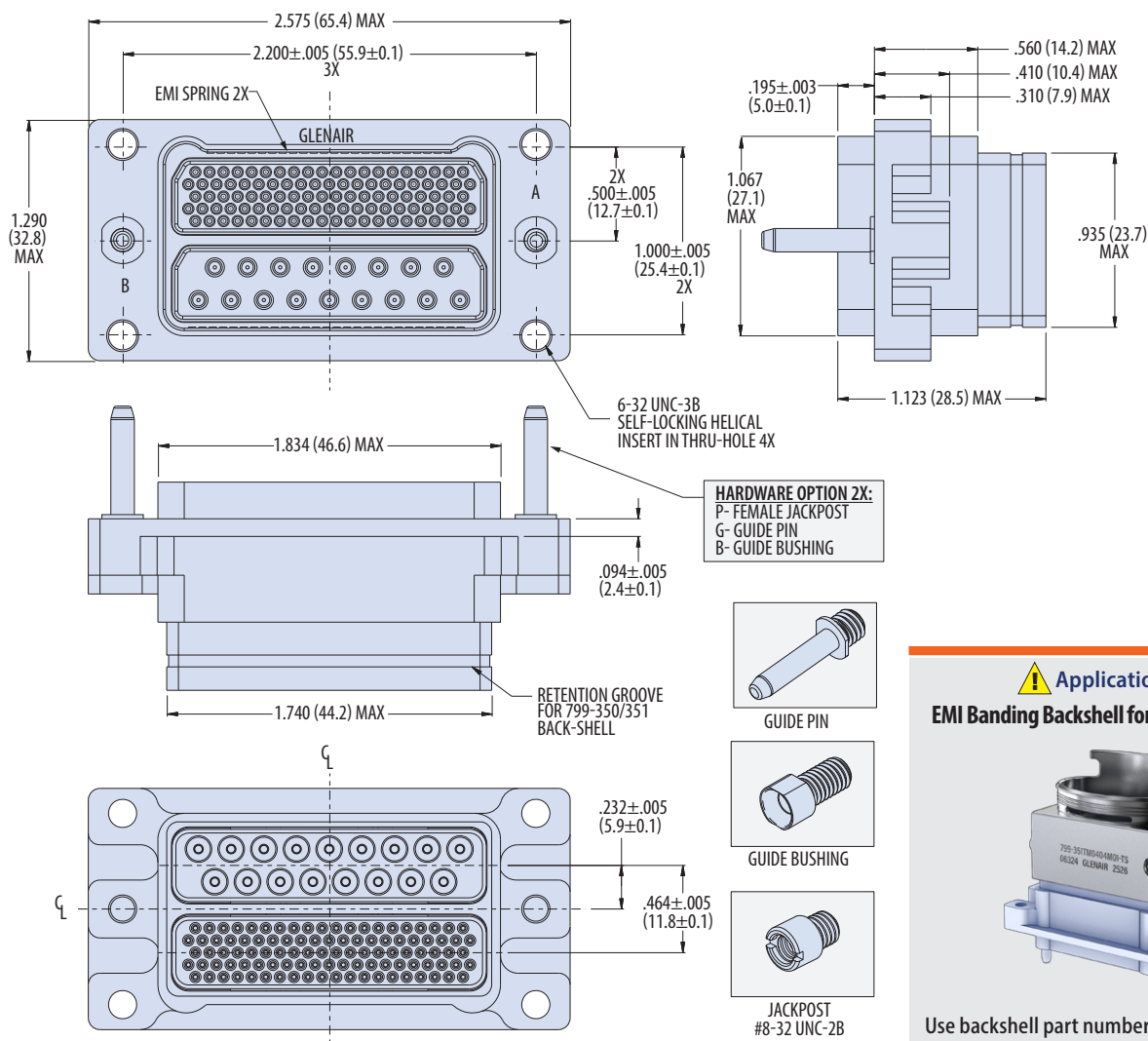


793-004

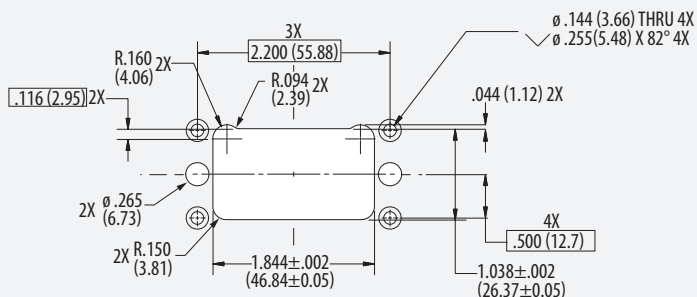
Receptacle, Panel Mount, Vertical, Crimp

- ◆ Rear panel mounting
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SERIES 793 DUAL-BAY



PANEL CUTOUT FOR REAR MOUNTING



Application Note

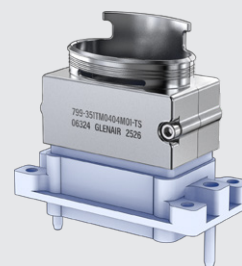
Polarization Key Positions

See Mod Code 1502 pg. D-5 for details



Application Note

EMI Banding Backshell for 793-004 connector



Use backshell part number 799-350 (dual port) or 799-351 (single port). Two piece backshell has lip to lock into groove on connector. Available in top or side entry

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