

OPTIMIZED
FOR USE WITH
MIL-STAR™
HIGH-PERFORMANCE HOOKUP WIRE AND CABLE

SERIES™
793
Dual-Bay

Dual-bay rack-and panel
scoop-proof micro-crimp
rectangular



The Series 793 Dual-Bay Micro-Crimp is a high-reliability aerospace-grade rectangular connector with two inserts for up to 204 contacts. Intended for vehicular and avionics equipment, the Series 793 Dual-Bay saves size and weight compared to legacy rack-and-panel connector designs. The tight-tolerance guide-pin equipped dual-lobe shell assures accurate alignment in rack-and-panel applications. Scoop-proof pin contacts are recessed to prevent damage.



- Horizontal and vertical configurations
- Optimized for blind mate applications with robust guide hardware and mounting features
- Side-by-side or top-and-bottom dual-bay interface enables smaller footprint

DUAL-BAY Series 793 Rack-and-Panel



Side-by-side and top-and-bottom configurations



Connector Types

Crimp, Rear Release

793 connectors have metal retention clips inside the contact cavities. Wired contacts snap into connector bodies and can be removed with a release tool. Size 23 contacts are included with connector. Other sizes are ordered separately.

PCB Termination

793 connectors are available in straight tail or 90° PCB versions. Connectors have factory-installed PCB terminals. Terminals are epoxy sealed and are compatible with conformal coatings.

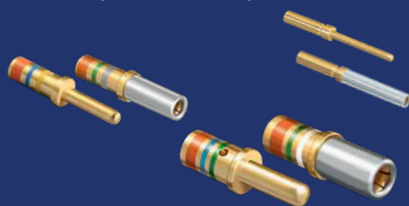
Contact Sizes

Size 23 (#22 – #28 AWG wire)

Size 16 (#16 – #20 AWG wire)

Size 12 (#12 – #14 AWG wire)

Size 8 (#8 AWG wire)



Panel Mounting

Space-saving Series 793 connectors are designed for rear panel installation. Panel mounting holes have stainless steel #6-32 self-locking threaded inserts.

Environmental Protection

793 crimp connectors have fluorosilicone wire grommets and interfacial seals for ingress protection. PCB versions have epoxy-sealed terminals.

Blind Mating

Series 793 connectors have precision machined shells and guide pins for use in blind mate rack-and-panel applications.



EMI Shielding

Ground Springs

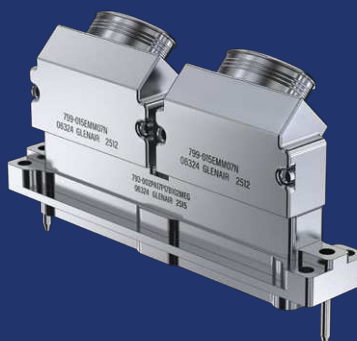
Optional ground springs provide low, stable shell-to-shell resistance. Available on 793 receptacles.

90° PCB Shroud

Right angle PCB connectors have a metal shroud over contact tails for EMI shielding.

EMI Backshell

Crimp connectors have grooves for attaching EMI backshells. Terminate cable shield to backshell with Band-Master ATS® band strap.

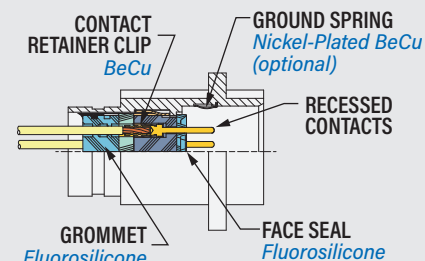


Hardware Options

Hardware options include guide pins, jackscrews, or screwlocks.

SCOOP-PROOF INTERFACE

Series 793 pin contacts are recessed to protect them from damage.



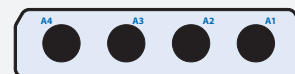
INSERT ARRANGEMENTS

Identification numbers are mating face of plug (socket) connector



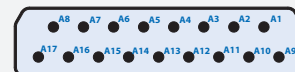
102

102 #23 Contacts



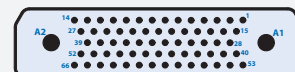
4W4

4 #8 Contacts



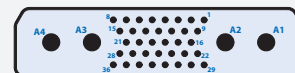
17W17

17 #16 Contacts



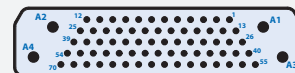
68W2

66 #23, 2 #12 Contacts



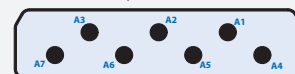
40W4

36 #23, 4 #12 Contacts



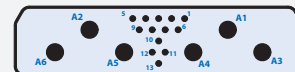
74W4

70 #23, 4 #16 Contacts



7W7

7 #12 Contacts



19W6

13 #23, 6 #12 Contacts