

About the Series 791 Ultraminiature Rectangular Connector

Save Size and Weight with Series 791 Connectors

The Next Generation Ultraminiature Rectangular Connector for Demanding Aerospace and Defense Applications

About The Series 791

The Series 791 is an aerospace-grade ultraminiature rectangular connector with EMI protection and environmental sealing. Originally developed for NASA's Orion capsule, The 791 is qualified for manned space flight and is ideal for radars, weapons systems and avionics gear.

The Series 791 is available either with crimp pins or with printed circuit terminals. Machined aluminum alloy shells feature dual lobes for polarization. Contact sizes range from size 8 to size 23 in 37 arrangements. Pin contacts are recessed to prevent scooping damage while mating. Crimp contacts conform to M39029 requirements and are rear release.

An optional ground spring reduces susceptibility to EMI problems. Fluorosilicone face seals and wire grommets prevent moisture and contamination. Panel mount versions are available with an O-ring, or for improved panel bonding, a metal spring.

Board mount versions include straight or right angle terminals. Right angle PCB connectors feature an aluminum cover for added EMI protection.

Hardware options include screwlocks, jackscrews or guide pins for blind mate applications.



M-17P17 with size 16 contacts

- Two to 102 contacts
- Coax, twinax, quadax and Ochto octaxial contacts
- Rugged aluminum shell with dual polarizing lobes



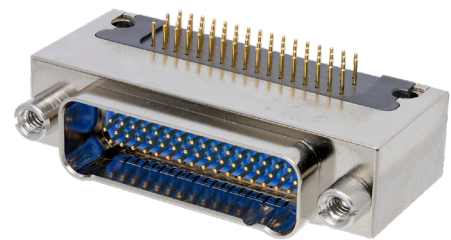
Shell size A – the smallest 791

- Integral band platform for direct attachment of cable braid
- -65 to +150°C
- Panel mount versions with O-ring or EMI spring

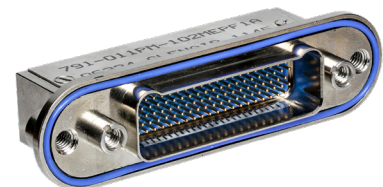


Integral backshell connector

- 37 contact arrangements
- Crimp-and-poke or epoxy-sealed board mount versions
- Scoop-proof recessed pins
- Size 23, 16, 12 and 8 contacts



- Straight and right angle printed circuit board mounting
- 12 shell sizes
- Guide pins for blind mate modules



- Contacts meet SAE AS39029 requirements
- Internal ground spring for EMI protection
- Approved for manned space flight