

Standard .093" Pin and Socket Connectors

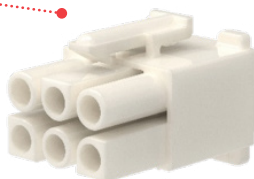
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Standard .093" Pin and Socket Connectors provide a cost-effective solution for various applications in wire-to-wire and wire-to-board combinations while offering a flexible design choice for medium-power applications

Features and Advantages

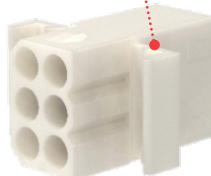
Positive locking

Ensures a reliable connection



Panel-mount options

Ensure flexible mounting on panels with standard and pre-bent ears



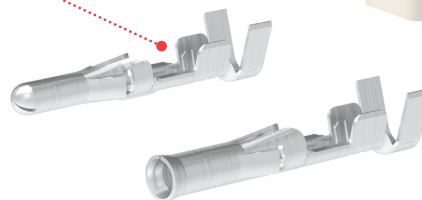
Keying and polarizing features

Allow operators to avoid mis-mating during the assembly process



High-current terminals and double crimp options

Help customer applications reach current up to 17.0A. Improve connector power performance by eliminating crimping errors



Standard .093" Pin and Socket Connectors

Polarized header versions available in 5.03mm-pitch size

Help PCB designers in powering systems by using both male and female header pin combinations



Applications

Telecommunications/Networking

Rack-mount servers

Consumer

Microwave ovens

Refrigerators

Data/Computing

Desktop computers and motherboards

Hard disk drives

Gaming Devices & Machines

Pachinko and other types of

Gaming machines



White Goods



Rack-Mount Servers



Desktop Computer

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Specifications

REFERENCE INFORMATION

Packaging:
Terminals: Reel and bag
Headers: Bag
Housings: Bag
UL File No.: E29179
CSA File No.: LR19980
Mates With: .093" Connector Housings
Use With: .093" Terminals only
Terminal Used: Reel
Designed In: Millimeters
RoHS: Compliant
Halogen Free: Yes
Glow Wire Capable: Yes

ELECTRICAL

Voltage (max.): 600V
Current (max.): 17.0A
Contact Resistance: 10 milliohms
Dielectric Withstanding Voltage: 2000V AC

MECHANICAL

Contact Insertion Force: 22.2N max
Contact Retention to Housing: 89.0N min
Mating Force: 32.25N max
Unmating Force: 7.12N min
Durability (min.): Tin: 25 cycles
Gold: 250 cycles

PHYSICAL

Housing:
Plugs and Receptacles: Nylon UL 94V-2
Headers: Polyester 94 V-2, Nylon 94V-2
Contact: Brass
Plating:
Contact Area — Tin or Gold (15u" only)
Solder Tail Area — Tin
Underplating — Nickel, Copper
PCB Thickness: 1.60mm
Operating Temperature: -40 to +105°C

www.molex.com/link/standard_093.html

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