Standard .062"+ Pin and Socket Connectors

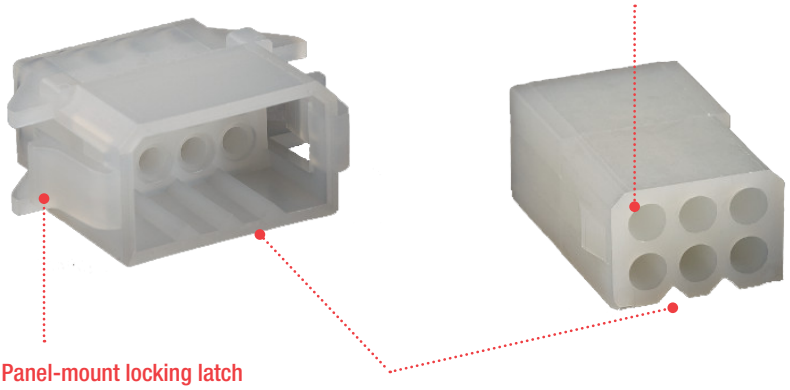
molex

Supporting up to 11.5A of current per circuit, Standard .062"+ Pin and Socket Connectors allow quick swapping of wired terminals for disruption-free operations in consumer, automotive and industrial applications

Features and Advantages

Friction lock

Secures mated housings

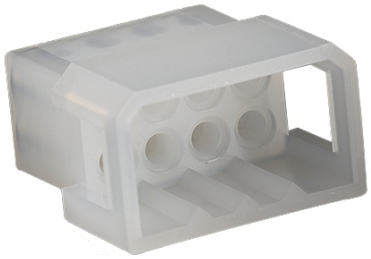


Panel-mount locking latch

Secures panel-mount style applications

Polarization features and circuit identifiers on receptacles and plugs

Help ensure correct mating and assembly



Receptacle Housing without Panel-Mount Locking Latch

Dual terminal locking lances

Provide optimum contact stability when inserted into the connector housing; dimples within the terminals enhance contact reliability and electrical performance when mated

Circular Crimp Terminal Design

Allows orientation in any direction for quick insertion and wire-to-wire assembly

Split-beam terminal design with 4 points of contact

Offers redundant, secondary current paths for long-term performance and reliability

Applications

Consumer / Home Appliance

Refrigerators, washers, dryers

Lighting

Interior lighting, fixtures, ballasts

Industrial

Assembly line equipment

Medical

Healthcare IT, patient-care equipment

Automotive

Interior lighting

Patient-Care Equipment

Automotive Interior Lighting

Assembly Line Equipment

Consumer and Home Appliance

Standard .062"+ Pin and Socket Connectors

molex

Specifications

REFERENCE INFORMATION
Packaging: Bag
UL File No.: E29179
Mates With:150176/150177 and 150178/150179
Use With: UL 1061 / UL 1007 wires
Terminal Used: 150180/150181
Designed In: Millimeters
RoHS: Yes
Halogen Free: No
Glow Wire Compliant: No

ELECTRICAL
Voltage (max.): 250V
Current (max.): 11.5A
Contact Resistance: 10 milliohms max initial
Dielectric Withstanding Voltage: 1500V AC
Insulation Resistance: 1000 Megohms

MECHANICAL
Contact Insertion Force (max.): 11N
Contact Retention to Housing (min.): 50N
Mating Force (max.): 50N per circuit
Unmating Force (min.): 50N per circuit
Durability (max.): 25 cycles

PHYSICAL
Housing: PA66, Natural
Contact: Copper Alloy
Plating:
Contact Area — Tin
Operating Temperature: -40 to +105°C

www.molex.com/molex/products/family/standard_062

Order No. 987651-5541 Rev. 2 USA/0k/GF/2020.12