molex

Mini-Fit Versa Color Connectors ❯

Molex Mini-Fit Versa Color Connectors offer five color options in addition to standard, for quick connector identification and ease of assembly.

ADVANTAGES AND FEATURES

Maintains current rating through application surfaces or panels
These connectors offer panel-mount and vertical header options with or without peg options.
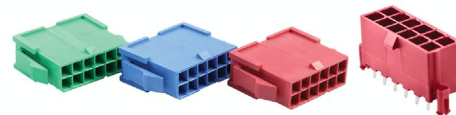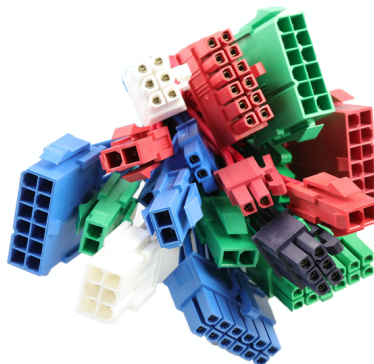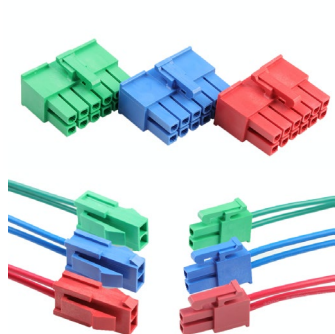
Provides superior retention
The robust latch design allows for secure mating.

Ensures proper mating during termination
Visual color pairing (colors can be intermated) helps avoid mis-mating.

Reduces the cost of materials and labor and allows customers to meet the European standard for electrical requirements
The 94/V-0 Glow-wire combination resin makes the connector V0 and glow-wire compatible in a single part number per component.

MARKETS AND APPLICATIONS

Industrial
HVAC
Power tools

Consumer and Home Appliance
Refrigerators
Ovens
Dishwashers
Washers/dryers
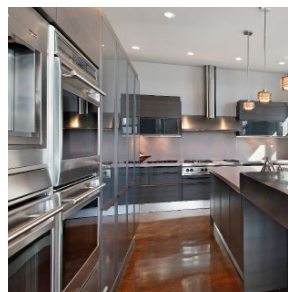Vacuum cleaners

Automotive
Harnesses
Telematics
Non-sealed applications
Infotainment
Lighting

Lighting
Connected lighting

HVAC

White Goods

Infotainment

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SPECIFICATIONS

Reference Information

Packaging: Bag or tray

UL File No.: E29179

CSA File No.: LR19980

Mates With: All applicable Mini-Fit connectors

Terminal Used: Series: 5556, 5558

Designed In: Millimeters

RoHS: Yes

Glow Wire Capable: Yes

Electrical

Voltage (max.): 600V

Current (max.): 13.5A

Contact Resistance: 2 Megohms

Dielectric Withstanding Voltage: < 5 mA

Insulation Resistance (min.): 1,000 Megohms

Mechanical

Contact Retention to Housing: 40.0N

Mating Force: 6.0N

Unmating Force: 4.0N

Durability (min.): 100 mating cycles with Tin (Sn)

Physical

Housing: UL 94V-0/Glow Wire

Pitch: 4.20mm

Contact: Tin (Sn)

Plating:

   Contact Area — Tin (Sn), Gold (Au)

   Solder Tail Area — Tin (Sn)

   Underplating — Nickel (Ni)

PCB Thickness: Multiple options

Operating Temperature: -40 to +105°C

www.molex.com