

Mini-Fit Versa Color Connectors >

Molex Mini-Fit Versa Color Connectors offer 5 color options for quick connector identification and ease of assembly and also provide their standard offerings

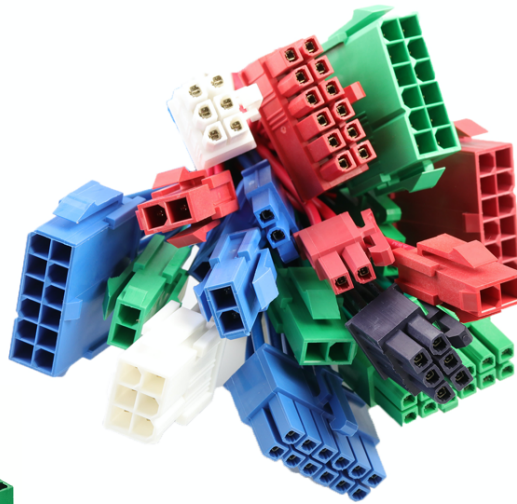
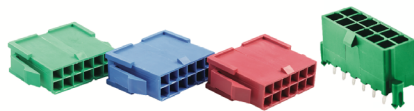
FEATURES AND ADVANTAGES

Panel mount and vertical header options

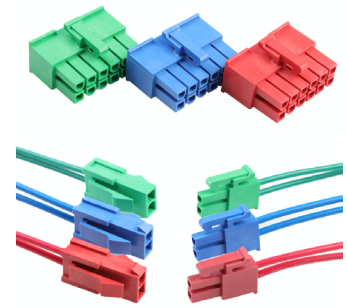
Maintains current rating through application surfaces or panels

Visual color pairing (colors can be intermated)

Ensures proper mating during termination



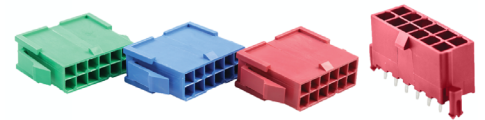
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Mini-Fit Versa Color Connectors

Robust latch design

Provides superior retention



V-0 Glow Wire combination resin

Reduces the cost of materials and labor and allows customers to meet the European standard for electrical requirements

MARKETS AND APPLICATIONS

Industrial

HVAC
Power tools

Consumer and Home Appliance

Refrigerators
Ovens
Dishwashers
Washers/dryers
Vacuum Cleaners

Automotive

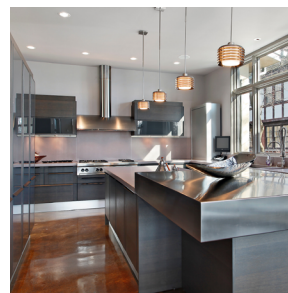
Harnesses
Telematics
Non-sealed applications
Infotainment
Lighting

Lighting

Connected lighting



HVAC



White Goods



Infotainment

Mini-Fit Versa Color Connectors

SPECIFICATIONS

Reference Information

Packaging: Bag, reel or tray
UL File No.: E29179
CSA File No.: LR19980
Mates With: All applicable Mini-Fit connectors
Use With: TPA: 172709, CAP: 207019
Terminal Used: 172718, 172765
Designed In: Millimeters
RoHS: Yes
Halogen Free: Yes
Glow Wire Capable: Yes

Electrical

Voltage (max.): 600V
Current (max.): 11.5A
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

Physical
Housing: UL 94V-0/Glow Wire
Pitch: 4.20mm
Contact: Tin (Sn)
Plating:
Contact Area — Tin (Sn)
Solder Tail Area — Tin (Sn)
Underplating — Nickel (Ni)
PCB Thickness: Multiple options
Operating Temperature: -40 to +105°C

www.molex.com/link/minifit.html