

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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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







White Goods



Infotainment



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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