

Off-the-Shelf (OTS) Mini-Fit Overmolded Cable Assemblies >



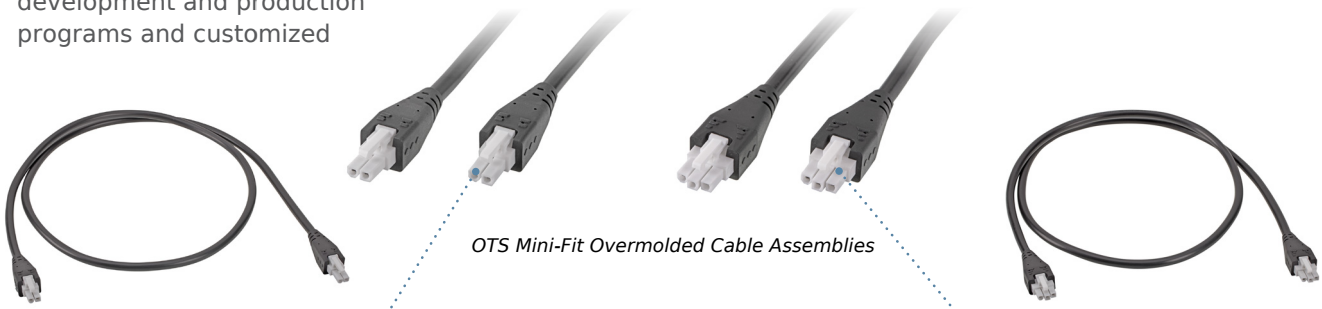
OTS Mini-Fit Overmolded Cable Assemblies

The Mini-Fit Overmolded Cable Assemblies deliver up to 6.0A, provide terminal position assurance options and offer off-the-shelf and customized versions with various circuit sizes and lengths

FEATURES AND ADVANTAGES

Both custom and off-the-shelf assemblies available

Provides quick availability for development and production programs and customized



OTS Mini-Fit Overmolded Cable Assemblies

Overmolded strain relief

Reduces mechanical stress on wires and terminals

Positive locking housings

Help ensure connectors are fully mated with easy-to-operate thumb latch. Helps to prevent accidental unmating

Polarized mating geometry

Helps ensure header and receptacle cannot be mated

APPLICATIONS

Automotive

Harness manufacturers
Inside devices
Non-sealed applications

Commercial Vehicle

Electronic control modules

Consumer

Gaming equipment
Gaming machines
Vending machines

Data/Computing

Copiers
Printers

Home Appliance

White goods

Industrial

Industrial equipment
Power suppliers

Industrial Automation

Automation equipment
Food and beverage dispensers

Medical

Medical devices
X-rays

Telecommunications/Networking

Backplanes
Fan-tray assemblies
Rack-mount servers
Routers
Servers
Switches



Office Equipment



Industrial Automation



Vending Machines

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SPECIFICATIONS

REFERENCE INFORMATION

Packaging: Reel, Bag or Tray
UL File No.: E29179
CSA File No.: LR19980
Mates with: Other Mini-Fit and Mini-Fit Plus Housings
Use With: Mini-Fit and Mini-Fit Plus Terminals
Designed In: Millimeters
RoHS: Yes
Halogen Free: Yes, some series
Glow Wire Capable: No

ELECTRICAL

Voltage (max.): 600V AC/DC
Current (max.): 6.0A Max.
Contact Resistance (max.): 10 milliohm
Dielectric Withstanding Voltage: 2200V AC
Insulation Resistance (min.): 1000 Megohms

MECHANICAL

Contact Insertion Force (max.): 15N
Contact Retention to Housing (min.): 30N
Mating Force (max.): 14.7N
Unmating Force (max.): 0.5N
Durability (min.): 30 Cycles

PHYSICAL

Flammability: UL 94V-0 (for the housing)
Housing: Nylon
Plating:
Contact Area – Tin (Sn)
Tail Area – Tin (Sn)
Operating Temperature: -10 to 80°C

www.molex.com/link/otscableassemblies.html