

Off-the-shelf (OTS) Mini-Lock Discrete Wire Cable Assemblies

molex

OTS Mini-Lock Discrete Wire Cable Assemblies offer a 2.50mm pitch and premium housing features, and they are available in a variety of cable lengths to facilitate both prototyping and global production

Features and Advantages

Features terminal position assurance and positive lock

Offers secure mating and a reliable connection

UL 1061 discrete wires for cable assemblies

Ready to use in electronic appliance applications. Provide ease of design, prototyping and production

Custom assemblies for production also available

Meets design needs after prototyping is complete. Molex's extensive design and manufacturing expertise can meet the unique challenges of the most demanding applications

Assembled in ISO/TS16949-certified facilities

Ensures high quality. Meets current automotive industry standards

Pin-to-pin mapping from receptacle to PCB header

Provides ready-to-use, plug-and-play connections



Mini-Lock Discrete Wire Cable Assembly Family

Meets 2011/65/EU RoHS Compliance

Decreases engineering time and resources

OTS Mini-Lock Discrete Wire Cable Assemblies deliver 3.5A per circuit with a 2.50mm pitch

Delivers reliable power for a wide range of space-constrained applications

Applications

Consumer

- Fitness equipment
- Home entertainment systems
- Home appliances
- Home office
- Home security systems
- Portable electronic devices
- Gaming consoles
- Mobile devices

Commercial Vehicle

Industrial

- Automation equipment
- Vending Machines
- Process Controls

Medical

- Patient Monitors



Process Controls



Vending Machines



Televisions

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Specifications

REFERENCE INFORMATION

Designed In: Millimeters
RoHS: Yes
Halogen Free: No
Glow Wire Compliant: No

ELECTRICAL

Voltage (max.): 250V
Current (max.): 3.5A
Contact Resistance (max.): 20 milliohms
Insulation Resistance (min.): 1000 Megohms

MECHANICAL

Terminal Insertion Force (max.): 9.8N
Terminal Retention to Housing (min.): 14.7N
Durability (max.): 30 Cycles

PHYSICAL

Housing: Polyester
Contact: Phosphor Bronze
Plating: Tin
Operating Temperature: -40 to +105°C

Ordering Information

Series No.	Circuit Count	Lengths
15137	1 to 15	50.00, 100.00, 150.00, 300.00, 450.00, 600.00mm

Custom Product	Description
Contact Molex	Mini-Lock Discrete Wire Cable Assemblies Custom Lengths and Other Options

www.molex.com/link/otscableassemblies.html

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