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

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

- 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

- Pin-to-pin mapping from receptacle to PCB header
  - Provides ready-to-use, plug-and-play connections

- Assembled in ISO/TS16949-certified facilities
  - Ensures high quality. Meets current automotive industry standards

- UL 1061 discrete wires for cable assemblies
  - Ready to use in electronic appliance applications. Provides ease of design, prototyping and production

- Mini-Lock Discrete Wire Cable Assembly Family

- Meets 2011/65/EU RoHS Compliance
  - Decreases engineering time and resources

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

Gaming consoles
  - Process Controls

Vending Machines

Televisions
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

<table>
<thead>
<tr>
<th>Series No.</th>
<th>Circuit Count</th>
<th>Lengths</th>
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<tbody>
<tr>
<td>15137</td>
<td>1 to 15</td>
<td>50.00, 100.00, 150.00, 300.00, 450.00, 600.00mm</td>
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</tbody>
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Custom Product

<table>
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<tr>
<th>Description</th>
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<tbody>
<tr>
<td>Mini-Lock Discrete Wire Cable Assemblies Custom Lengths and Other Options</td>
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Contact Molex

www.molex.com/link/otscableassemblies.html

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