

# 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

### 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



Mini-Lock Discrete Wire Cable Assembly Family

### Pin-to-pin mapping from receptacle to PCB header

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

### 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

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



## 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
<a href="#">15137</a>	1 to 15	50.00, 100.00, 150.00, 300.00, 450.00, 600.00mm

Custom Product	Description
<a href="#">Contact Molex</a>	Mini-Lock Discrete Wire Cable Assemblies Custom Lengths and Other Options

[www.molex.com/link/otscableassemblies.html](http://www.molex.com/link/otscableassemblies.html)

Molex is a registered trademark of Molex, LLC in the United States of America and may be registered in other countries; all other trademarks listed herein belong to their respective owners.