

## Datasheet for 76650-0115

### General Information

<b>Kit Part Number:</b>	76650-0115
<b>Connector Type:</b>	Wire-to-Board
<b>Solution:</b>	Off the Board Connectors
<b>Molex Family:</b>	Mini-Lock™
<b>Certificates:</b>	N/A
<b>Country of Origin:</b>	Kit assembled in U.S.A

### Specifications

<b>Circuit Size:</b>	2, 3, 4, 5, 6
<b>Current Rating:</b>	3A
<b>Mounting Style:</b>	PCB Through Hole
<b>Orientation:</b>	Receptacles, Vertical Headers
<b>Pitch:</b>	2.50mm (.098")
<b>Tool Included:</b>	No
<b>Voltage Rating:</b>	250V
<b>Wire Gauge (AWG):</b>	28-22

### Product Highlights

Mini-Lock™ is a versatile wire-to-board system from Molex for a broad range of 2.50mm (.098") pitch industry standard applications. The kit includes vertical headers. Mini-Lock™ is fully shrouded to protect contacts, and includes high guide walls to facilitate mating.

#### Features and Benefits

- Four point contact design for good electrical reliability
- Thumb-latch locking feature for easy mating and unmating
- High guide walls to facilitate mating
- Fully shrouded headers to protect pins
- Pull tabs to assist in unmating

#### Applications

- White goods
- Vending machines
- Automotive
- PDAs
- TVs

<http://www.molexkits.com>

**Bill of Materials**

Molex Part No.	Description	Quantity
50351-8100	Mini-Lock™ Female CrimpTerminal, 28-22 AWG	100
51103-0200	2.50mm (.098") Pitch, Mini-Lock™ Receptacle, 2 Circuits	5
51103-0300	2.50mm (.098") Pitch, Mini-Lock™ Receptacle, 3 Circuits	5
51103-0400	2.50mm (.098") Pitch, Mini-Lock™ Receptacle, 4 Circuits	5
51103-0500	2.50mm (.098") Pitch Mini-Lock™ Receptacle, 5 Circuits	5
51103-0600	2.50mm (.098") Pitch Mini-Lock™ Receptacle, 6 Circuits	5
53375-0210	2.50mm (.098") Pitch, Mini-Lock™ Vertical Header, 2 Circuits	5
53375-0310	2.50mm (.098") Pitch, Mini-Lock™ Vertical Header, 3 Circuits	5
53375-0410	2.50mm (.098") Pitch, Mini-Lock™ Vertical Header, 4 Circuits	5
53375-0510	2.50mm (.098") Pitch Mini-Lock™ Vertical Header, 5 Circuits	5
53375-0610	2.50mm (.098") Pitch Mini-Lock™ Vertical Header, 6 Circuits	5

**Recommended Molex Tool**

Molex Part No.	Description
63811-8100 (not included in kit)	<a href="#">Click for more info</a>
57309-6000 (not included in kit)	<a href="#">Click for more info</a>