1801 Morgan Street Rockford, Illinois 61102 800-435-2931 www.molexkits.com



# Datasheet for 76650-0115

### **General Information**

**Part Number:** 76650-0115

Manufacturer: Molex / Waldom

Title: Mini-Lock Connector Kit

**Description:** Fully Shrouded Positive Lock Vertical Header and Receptacle

Product Family: Mini-Lock™

Certificates: (Molex parts within this kit) EU and China RoHS Compliant, UL and CSA

Country of Origin: Kit assembled in U.S.A.

## **Specifications**

Design

Configuration: Wire-to-Board

Pitch: 2.50mm (.098")

**Connector Type:** Receptacle and Header

Mounting

Orientation: Vertical

**Circuit Sizes:** 2, 3, 4, 5 and 6

Current Rating: 3 Amps
Voltage: 250 Volts
Wire size: 28-22 AWG

### **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



### Datasheet for 76650-0115

### Bill of Materials for Part No. 76650-0115 Quantity in Country Molex Part No. of Origin Description Kit 50351-8100-C Mini-Lock™ Female CrimpTerminal 28-22 AWG Japan 100 2.50mm (.098") Pitch Mini-Lock™ Receptacles 2 Circuits 51103-0200 Japan 5 2.50mm (.098") Pitch Mini-Lock™ Receptacles 3 Circuits 5 51103-0300 Japan 2.50mm (.098") Pitch Mini-Lock™ Receptacles 4 Circuits 5 51103-0400 Japan 51103-0500 Japan 2.50mm (.098") Pitch Mini-Lock™ Receptacles 5 Circuits 5 51103-0600 2.50mm (.098") Pitch Mini-Lock™ Receptacles 6 Circuits 5 Japan Korea 2.50mm (.098") Pitch Mini-Lock™ Vertical Headers 2 Circuits 5 53375-0210 5 53375-0310 2.50mm (.098") Pitch Mini-Lock™ Vertical Headers 3 Circuits Korea 5 53375-0410 Korea 2.50mm (.098") Pitch Mini-Lock™ Vertical Headers 4 Circuits 53375-0510 Korea 2.50mm (.098") Pitch Mini-Lock™ Vertical Headers 5 Circuits 5 2.50mm (.098") Pitch Mini-Lock™ Vertical Headers 6 Circuits 5 53375-0610 Korea

# Recommended Molex Tool(s) for Part No. 76650-0115\* Country Molex Part No. of Origin Description 63811-8100 \* Sweden Hand Crimp Tool 57309-6000 \* Japan Extraction Tool - Global and Japan

<sup>\*</sup>Tool(s) not included in kit. Tool(s) ordered separately.