

## Datasheet for 76650-0134

### General Information

<b>Part Number:</b>	76650-0134
<b>Manufacturer:</b>	Molex / Waldom
<b>Title:</b>	Mini-Lock Deluxe Connector Kit
<b>Description:</b>	Fully Shrouded Positive Lock Vertical and Right Angle Header and Receptacle
<b>Product Family:</b>	Mini-Lock™
<b>Certificates:</b>	(Molex Parts within this kit) - EU and China RoHS Compliant, UL and CSA
<b>Country of Origin:</b>	Kit assembled in U.S.A.

### Specifications

#### Design

<b>Configuration:</b>	Wire-to-Board
<b>Pitch:</b>	2.50mm (.098")
<b>Connector Type:</b>	Receptacle and Header

#### Mounting

<b>Orientation:</b>	Vertical and Right Angle
<b>Circuit Sizes:</b>	7, 8, 9 and 10
<b>Current Rating:</b>	3 Amps
<b>Voltage:</b>	250 Volts
<b>Wire size:</b>	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 Right Angle 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

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### Bill of Materials for Part No. 76650-0134

Molex Part No.	Country of Origin	Description	Quantity in Kit
50351-8100-C	Japan	Mini-Lock™ Female Crimp Terminal 28-22 AWG	200
51103-0700	Japan	2.50mm (.098") Pitch Mini-Lock™ Receptacles 7 Circuits	10
51103-0800	Japan	2.50mm (.098") Pitch Mini-Lock™ Receptacles 8 Circuits	10
51103-0900	Japan	2.50mm (.098") Pitch Mini-Lock™ Receptacles 9 Circuits	10
51103-1000	Japan	2.50mm (.098") Pitch Mini-Lock™ Receptacles 10 Circuits	10
53375-0710	Korea	2.50mm (.098") Pitch Mini-Lock™ Vertical Headers 7 Circuits	5
53375-0810	Korea	2.50mm (.098") Pitch Mini-Lock™ Vertical Headers 8 Circuits	5
53375-0910	Korea	2.50mm (.098") Pitch Mini-Lock™ Vertical Headers 9 Circuits	5
53375-1010	Korea	2.50mm (.098") Pitch Mini-Lock™ Vertical Headers 10 Circuits	5
53426-0710	Japan	2.50mm (.098") Pitch Mini-Lock™ Right Angle Header 7 Circuits	5
53426-0810	Japan	2.50mm (.098") Pitch Mini-Lock™ Right Angle Header 8 Circuits	5
53426-0910	Japan	2.50mm (.098") Pitch Mini-Lock™ Right Angle Header 9 Circuits	5
53426-1010	Japan	2.50mm (.098") Pitch Mini-Lock™ Right Angle Header 10 Circuits	5

### Recommended Molex Tool(s) for Part No. 76650-0134\*

Molex Part No.	Country of Origin	Description
63811-8100 *	Sweden	Hand Crimp Tool
57309-6000 *	Japan	Extraction Tool

\*Tools not included in kit. Tools ordered separately.