

Datasheet for 76650-0117

General Information

Kit Part Number:	76650-0117
Connector Type:	Wire-to-Board
Solution:	Off the Board Connectors
Molex Family:	Mini-Lock™
Certificates:	N/A
Country of Origin:	Kit assembled in U.S.A

Specifications

Circuit Size:	2, 3, 4, 5, 6
Current Rating:	3A
Mounting Style:	PCB Through Hole
Orientation:	Receptacles, Right Angle Headers, Vertical Headers
Pitch:	2.50mm (.098")
Tool Included:	No
Voltage Rating:	250V
Wire Gauge (AWG):	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 and 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

Bill of Materials

Molex Part No.	Description	Quantity
50351-8100	Mini-Lock™ Female Crimp Terminal, 28-22 AWG	200
51103-0200	2.50mm (.098") Pitch, Mini-Lock™ Receptacle, 2 Circuits	10
51103-0300	2.50mm (.098") Pitch, Mini-Lock™ Receptacle, 3 Circuits	10
51103-0400	2.50mm (.098") Pitch, Mini-Lock™ Receptacle, 4 Circuits	10
51103-0500	2.50mm (.098") Pitch Mini-Lock™ Receptacle, 5 Circuits	10
51103-0600	2.50mm (.098") Pitch Mini-Lock™ Receptacle, 6 Circuits	10
53426-0210	2.50mm (.098") Pitch Mini-Lock™ Right Angle Header, 2 Circuits	5
53426-0310	2.50mm (.098") Pitch Mini-Lock™ Right Angle Header, 3 Circuits	5
53426-0410	2.50mm (.098") Pitch Mini-Lock™ Right Angle Header, 4 Circuits	5
53426-0510	2.50mm (.098") Pitch Mini-Lock™ Right Angle Header, 5 Circuits	5
53426-0610	2.50mm (.098") Pitch Mini-Lock™ Right Angle Header, 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)	Click for more info
57309-6000 (not included in kit)	Click for more info