

Datasheet for 76650-0114

General Information

Kit Part Number:	76650-0114
Connector Type:	Wire-to-Board
Solution:	Off the Board Connectors
Molex Family:	Micro-Latch™
Certificates:	N/A
Country of Origin:	Kit assembled in U.S.A

Specifications

Circuit Size:	2, 3, 4, 6
Current Rating:	0.5-2A
Mounting Style:	PCB Through Hole
Orientation:	Receptacles, Right Angle Headers, Vertical Headers
Pitch:	2.00mm (.079")
Tool Included:	No
Voltage Rating:	125V
Wire Gauge (AWG):	30-24

Product Highlights

Micro-Latch™ connectors provide a reliable connection interface for industry standard 2.00mm (.079") wire-to-board applications. The kit includes female crimp terminals, receptacle housings and semi-shrouded right angle headers. The connector applies a friction lock mechanism where the noses on the receptacle housings slide into the header wall openings. This ensures a durable mating and protection of the electrical circuits.

Features and Benefits

- Uses popular terminals
- Friction lock for good mating retention
- Polarizing features ensures proper mating orientation
- Surface Mount Component vertical header is reflow process capable

Applications

- Data Communication Equipment
- Printers/Faxes
- PCs and Monitors
- Automotive
- Home Entertainment

Bill of Materials

Molex Part No.	Description	Quantity
50212-8100	Micro-Latch™ Female Crimp Terminal, 30-24 AWG	200
51065-0200	2.00mm (.079") Pitch Micro-Latch™ Receptacle, 2 Circuits	20
51065-0300	2.00mm (.079") Pitch Micro-Latch™ Receptacle, 3 Circuits	20
51065-0400	2.00mm (.079") Pitch Micro-Latch™ Receptacle, 4 Circuits	20
51065-0600	2.00mm (.079") Pitch Micro-Latch™ Receptacle 6 Circuits	20
53253-0270	2.00mm (.079") Pitch Micro-Latch™ Vertical Header, 2 Circuits	10
53253-0370	2.00mm (.079") Pitch Micro-Latch™ Vertical Header, 3 Circuits	10
53253-0470	2.00mm (.079") Pitch Micro-Latch™ Vertical Header, 4 Circuits	10
53253-0670	2.00mm (.079") Pitch Micro-Latch™ Vertical Header, 6 Circuits	10
53254-0270	2.00mm (.079") Pitch Micro-Latch™ Right Angle Header, 2 Circuits	10
53254-0370	2.00mm (.079") Pitch Micro-Latch™ Right Angle Header, 3 Circuits	10
53254-0470	2.00mm (.079") Pitch Micro-Latch™ Right Angle Header, 4 Circuits	10
53254-0670	2.00mm (.079") Pitch Micro-Latch™ Right Angle Header, 6 Circuits	10

Recommended Molex Tool

Molex Part No.	Description
63819-0500 (not included in kit)	Click for more info
57105-6000 (not included in kit)	Click for more info