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

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Datasheet for 76650-0112

General Information

Part Number:	76650-0112
Manufacturer:	Molex / Waldom
Title:	Micro-Latch Connector Kit
Description:	Friction Lock Vertical Header and Receptacle
Product Family:	Micro-Latch™
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:	2.00mm (.079")
Connector Type:	Receptacle and Header
Mounting Orientation:	Vertical
Circuit Sizes:	2, 3, 4, 6 and 8
Current Rating:	(0.5 - 2) Amps depending on AWG
Voltage:	125 Volts
Wire size:	30-24 AWG

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 vertical 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
- PC's and Monitors
- Automotive
- Home Entertainment

For additional Molex / Waldom Design and Solution kits please go to www.molexkits.com

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Bill of Materials for Part No. 76650-0112

Molex Part No.	Country of Origin	Description	Quantity in Kit
50212-8100-C	Japan	Micro-Latch™ Female Crimp Terminals 30-24 AWG	100
51065-0200	Malaysia	2.00mm (.079") Pitch Micro-Latch™ Receptacles 2 Circuits	10
51065-0300	Malaysia	2.00mm (.079") Pitch Micro-Latch™ Receptacles 3 Circuits	10
51065-0400	Malaysia	2.00mm (.079") Pitch Micro-Latch™ Receptacles 4 Circuits	10
51065-0600	Malaysia	2.00mm (.079") Pitch Micro-Latch™ Receptacles 6 Circuits	10
51065-0800	Malaysia	2.00mm (.079") Pitch Micro-Latch™ Receptacles 8 Circuits	10
53253-0270	Malaysia	2.00mm (.079") Pitch Micro-Latch™ Vertical Headers, 2 Circuits	10
53253-0370	Malaysia	2.00mm (.079") Pitch Micro-Latch™ Vertical Headers, 3 Circuits	10
53253-0470	Malaysia	2.00mm (.079") Pitch Micro-Latch™ Vertical Headers, 4 Circuits	10
53253-0670	Malaysia	2.00mm (.079") Pitch Micro-Latch™ Vertical Headers, 6 Circuits	10
53253-0870	Malaysia	2.00mm (.079") Pitch Micro-Latch™ Vertical Headers, 8 Circuits	10

Recommended Molex Tool(s) for Part No. 76650-0112*

Molex Part No.	Country of Origin	Description
63819-0500 *	Sweden	Hand Crimp Tool
57105-6000 *	USA	Extraction Tool

*Tools not included in kit. Tools ordered separately.