

Datasheet for 76650-0113

General Information

| | |
|---------------------------|---|
| Part Number: | 76650-0113 |
| Manufacturer: | Molex / Waldom |
| Title: | Micro-Latch Connector Kit |
| Description: | Friction Lock Right Angle 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: | Right Angle |
| 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 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
- PC's and Monitors
- Automotive
- Home Entertainment

[For additional Molex / Waldom Design and Solution kits please go to www.molexkits.com](http://www.molexkits.com)

Datasheet for 76650-0113

Bill of Materials for Part No. 76650-0113

| Molex Part No. | Country of Origin | Description | Quantity in Kit |
|-----------------------|--------------------------|--|------------------------|
| 50212-8100 | 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 |
| 53254-0270 | Malaysia | 2.00mm (.079") Pitch Micro-Latch™ Right Angle Headers 2 Circuits | 10 |
| 53254-0370 | Malaysia | 2.00mm (.079") Pitch Micro-Latch™ Right Angle Headers 3 Circuits | 10 |
| 53254-0470 | Malaysia | 2.00mm (.079") Pitch Micro-Latch™ Right Angle Headers 4 Circuits | 10 |
| 53254-0670 | Malaysia | 2.00mm (.079") Pitch Micro-Latch™ Right Angle Headers 6 Circuits | 10 |
| 53254-0870 | Malaysia | 2.00mm (.079") Pitch Micro-Latch™ Right Angle Headers 8 Circuits | 10 |

Recommended Molex Tool(s) for Part No. 76650-0113*

| 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.