

## Datasheet for 76650-0113

### General Information

|                           |                          |
|---------------------------|--------------------------|
| <b>Kit Part Number:</b>   | 76650-0113               |
| <b>Connector Type:</b>    | Wire-to-Board            |
| <b>Solution:</b>          | Off the Board Connectors |
| <b>Molex Family:</b>      | Micro-Latch™             |
| <b>Certificates:</b>      | N/A                      |
| <b>Country of Origin:</b> | Kit assembled in U.S.A   |

### Specifications

|                          |                                  |
|--------------------------|----------------------------------|
| <b>Circuit Size:</b>     | 2, 3, 4, 6, 8                    |
| <b>Current Rating:</b>   | 0.5-2A                           |
| <b>Mounting Style:</b>   | PCB Through Hole                 |
| <b>Orientation:</b>      | Receptacles, Right Angle Headers |
| <b>Pitch:</b>            | 2.00mm (.079")                   |
| <b>Tool Included:</b>    | No                               |
| <b>Voltage Rating:</b>   | 125V                             |
| <b>Wire Gauge (AWG):</b> | 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

<http://www.molexkits.com>

**Bill of Materials**

| Molex Part No. | Description                                                      | Quantity |
|----------------|------------------------------------------------------------------|----------|
| 51065-0800     | 2.00mm (.079") Pitch Micro-Latch™ Receptacle, 8 Circuits         | 10       |
| 50212-8100     | Micro-Latch™ Female Crimp Terminal, 30-24 AWG                    | 100      |
| 51065-0200     | 2.00mm (.079") Pitch Micro-Latch™ Receptacle, 2 Circuits         | 10       |
| 51065-0300     | 2.00mm (.079") Pitch Micro-Latch™ Receptacle, 3 Circuits         | 10       |
| 51065-0400     | 2.00mm (.079") Pitch Micro-Latch™ Receptacle, 4 Circuits         | 10       |
| 51065-0600     | 2.00mm (.079") Pitch Micro-Latch™ Receptacle 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       |
| 53254-0870     | 2.00mm (.079") Pitch Micro-Latch™ Right Angle Header, 8 Circuits | 10       |

**Recommended Molex Tool**

| Molex Part No.                   | Description                         |
|----------------------------------|-------------------------------------|
| 63819-0500 (not included in kit) | <a href="#">Click for more info</a> |
| 57105-6000 (not included in kit) | <a href="#">Click for more info</a> |