

Datasheet for 76650-0226

General Information

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|---------------------------|---|
| Part Number: | 76650-0226 |
| Manufacturer: | Molex / Waldom |
| Title: | Mini-Latch Connector Kit |
| Description: | Friction Lock Right Angle Header and Receptacle |
| Product Family: | Mini-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: | 2.50mm (.098") |
| Connector Type: | Receptacle and Header |

Mounting

| | |
|-----------------------|---------------------------------|
| Orientation: | Right Angle |
| Circuit Sizes: | 3, 4 and 6 Circuits |
| Current: | (1.5 - 3) Amps depending on AWG |
| Voltage: | 250 Volts |
| Wire size: | 28-22 AWG |

Product Highlights

Mini-Latch connectors provide a reliable interface for industry-standard 2.50mm (.098") wire-to-board applications. The system includes a box-style contact design and housing-side terminal latch to provide protection to the contact area during and after assembly. The durable housing also includes guide rails and molded tabs to facilitate mating and unmating.

Features and Benefits

- Friction lock provides good mating retention
- Box-style contact protects contact area
- Polarizing features ensures proper mating
- Guide rails and molded ledges facilitates mating and unmating

Applications

- Datacommunication equipment
- Printers and faxes
- PCs and monitors
- Automotive

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Bill of Materials for Part No. 76650-0226

| Molex Part No. | Country of Origin | Description | Quantity in Kit |
|----------------|-------------------|--|-----------------|
| 50802-9101 | Japan | Mini-Latch™ Female Crimp Terminals 28-22 AWG | 65 |
| 51191-0300 | Japan | 2.50mm (.098") Pitch Mini-Latch™ Receptacles, 3 Circuits | 5 |
| 51191-0400 | Japan | 2.50mm (.098") Pitch Mini-Latch™ Receptacles, 4 Circuits | 5 |
| 51191-0600 | Japan | 2.50mm (.098") Pitch Mini-Latch™ Receptacles, 6 Circuits | 5 |
| 22-05-1032 | Ireland | 2.50mm (.098") Pitch Right Angle Header 3 Circuits | 5 |
| 22-05-1042 | Ireland | 2.50mm (.098") Pitch Right Angle Header 4 Circuits | 5 |
| 22-05-1062 | Ireland | 2.50mm (.098") Pitch Right Angle Header 6 Circuits | 5 |

Recommended Molex Tool(s) for Part No. 76650-0226*

| Molex Part No. | Country of Origin | Description |
|----------------|-------------------|------------------------------------|
| 63811-5200 * | Germany | Hand Crimp Tool for 2.50mm (.098") |

*Tool(s) not included in kit. Tool(s) ordered separately.