

Datasheet for 76650-0227

General Information

Part Number:	76650-0227
Manufacturer:	Molex / Waldom
Title:	Mini-Latch Deluxe Connector Kit
Description:	Friction Lock Vertical and 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:	Vertical and Right Angle
Circuit Sizes:	Includes 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. 76650-0227

Molex Part No.	Country of Origin	Description	Quantity in Kit
50802-9101	Japan	Mini-Latch™ Female Crimp Terminals 28-22 AWG	130
51191-0300	Japan	2.50mm (.098") Pitch Mini-Latch™ Receptacles 3 Circuits	10
51191-0400	Japan	2.50mm (.098") Pitch Mini-Latch™ Receptacles 4 Circuits	10
51191-0600	Japan	2.50mm (.098") Pitch Mini-Latch™ Receptacles 6 Circuits	10
22-04-1031	China	2.50mm (.098") Pitch Vertical Headers 3 Circuits	5
22-04-1041	China	2.50mm (.098") Pitch Vertical Headers 4 Circuits	5
22-04-1061	China	2.50mm (.098") Pitch Vertical Headers 6 Circuits	5
22-05-1032	Ireland	2.50mm (.098") Pitch Right Angle Headers 3 Circuits	5
22-05-1042	Ireland	2.50mm (.098") Pitch Right Angle Headers 4 Circuits	5
22-05-1062	Ireland	2.50mm (.098") Pitch Right Angle Headers 6 Circuits	5

Recommended Molex Tool(s) for Part No. 76650-0227*

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.