



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## Datasheet for 76650-0227

### General Information

<b>Part Number:</b>	76650-0227
<b>Manufacturer:</b>	Molex / Waldom
<b>Title:</b>	Mini-Latch Deluxe Connector Kit
<b>Description:</b>	Friction Lock Vertical and Right Angle Header and Receptacle
<b>Product Family:</b>	Mini-Latch™
<b>Certificates:</b>	(Molex parts within this kit) - EU and China RoHS Compliant, UL and CSA
<b>Country of Origin:</b>	Kit assembled in U.S.A.

### Specifications

#### Design

<b>Configuration:</b>	Wire-to-Board
<b>Pitch:</b>	2.50mm (.098")
<b>Connector Type:</b>	Receptacle and Header

#### Mounting

<b>Orientation:</b>	Vertical and Right Angle
<b>Circuit Sizes:</b>	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

**Datasheet for 76650-0227**

**Bill of Materials for Part No. 76650-0227**

<b>Molex Part No.</b>	<b>Country of Origin</b>	<b>Description</b>	<b>Quantity in Kit</b>
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\***

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

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