



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!



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Datasheet for 76650-0225

General Information

Part Number:	76650-0225
Manufacturer:	Molex / Waldom
Title:	Mini-Latch Connector Kit
Description:	Friction Lock Vertical 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
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

- Data communication equipment
- Printers and faxes
- PCs and monitors
- Automotive

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Bill of Materials for Part No. 76650-0225

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
22-04-1031	China	2.50mm (.098") Pitch Vertical Header 3 Circuits	5
22-04-1041	China	2.50mm (.098") Pitch Vertical Header 4 Circuits	5
22-04-1061	China	2.50mm (.098") Pitch Vertical Header 6 Circuits	5

Recommended Molex Tool(s) for Part No. 76650-0225*

Molex Part No.	Country of Origin	Description
63811-5200 *	Germany	Hand Crimp Tool

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