



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



General Information

Part Number:	76650-0141
Manufacturer:	Molex / Waldom
Title:	MV-396 Power Deluxe Connector Kit
Description:	Low Profile Pos Lock Interconnect Vertical and Right Angle Header and Receptacle, 7A 250V
Product Family:	MV-396™
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:	3.96mm (.156")
Connector Type:	Receptacle and Header

Mounting

Orientation:	Vertical and Right Angle
Circuit Sizes:	2, 3, 4, 5 and 6
Current Rating:	7 Amps
Voltage:	250 Volts
Wire size:	20-18 AWG

Product Highlights

The MV-396 wire-to-board system is a robust interconnect solution for industry-standard 3.96mm (.156") pitch applications. The system offers a positive lock for secure mating retention, and a double cantilever terminal design with unique metal shroud that prevents contamination and provides high contact pressure.

The system carries up to 7 amps and is offered in 2 to 15 circuit sizes. Both vertical and right angle headers provide low profiles and a partially shrouded design for space savings and secure latching.

Features and Benefits

- Positive lock for secure mating retention
- Double cantilever terminal with metal shroud for protection and high contact pressure
- Polarization prevents mis-mating
- Low profile offers good space savings

Applications

- Security and Alarms
- Comfort and Infotainment
- Vending and Gaming
- Business Machines
- Energy and Power
- Industrial Equipment

[For additional Molex / Waldom Design and Solution kits please go to www.molexkits.com](http://www.molexkits.com)

Bill of Materials for Part No. 76650-0141

Molex Part No.	Country of Origin	Description	Quantity in Kit
35922-8011-C	S. Korea	Female Terminals 18-20 AWG Phosphor Bronze	100
35977-0200	S. Korea	3.96mm (.156") Pitch MV-396™ Receptacle 2 Circuit	5
35977-0300	S. Korea	3.96mm (.156") MV-396™ Receptacle 3 circuit	5
35977-0400	S. Korea	3.96mm (.156") MV-396™ Receptacle 4 circuit	5
35977-0500	S. Korea	3.96mm (.156") MV-396™ Receptacle 5 circuit	5
35977-0600	S. Korea	3.96mm (.156") MV-396™ Receptacle 6 circuit	5
35978-0220	S. Korea	3.96mm (.156") Pitch Header, Right Angle, 2 Circuits	5
35978-0320	S. Korea	3.96mm (.156") Pitch Header, Right Angle, 3 Circuits	5
35978-0420	S. Korea	3.96mm (.156") Pitch Header, Right Angle, 4 Circuits	5
35978-0520	S. Korea	3.96mm (.156") Pitch Header, Right Angle, 5 Circuits	5
35978-0620	S. Korea	3.96mm (.156") Pitch Header, Right Angle, 6 Circuits	5
35978-0210	S. Korea	3.96mm (.156") Pitch Header, Vertical, 2 Circuits	5
35978-0310	S. Korea	3.96mm (.156") Pitch Header, Vertical, 3 Circuits	5
35978-0410	S. Korea	3.96mm (.156") Pitch Header, Vertical, 4 Circuits	5
35978-0510	S. Korea	3.96mm (.156") Pitch Header, Vertical, 5 Circuits	5
35978-0610	S. Korea	3.96mm (.156") Pitch Header, Vertical, 6 Circuits	5

Recommended Molex Tool(s) for Part No. 76650-0141

Molex Part No.	Country of Origin	Description
63855-7000 *	USA	T2 Terminator Die (Use With Molex TM-42 press 69002-5001 and base unit 11-19-3001 for the 3BF press)
63865-7000 *	USA	FineAdjust™ Applicator (Lease)

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

For additional Molex / Waldom Design and Solution kits please go to www.molexkits.com

