Chipsmall

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.

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Datasheet for 76650-0152

General Information

Part Number:	76650-0152
Manufacturer:	Molex / Waldom
Title:	MX150L Connector Kit
Description:	Dual Row Panel Mount Sealed Plug and Receptacle, IP-67
Product Family:	MX150L™
Certificates:	(Molex Parts within this kit) - EU RoHS Compliant
Country of Origin:	Kit assembled in U.S.A.

Specifications

Design Configuration:	Wire-to-Wire
Pitch:	5.84mm (0.230")
Connector Type:	Plugs (Panel Mount) and Receptacles
Circuit Sizes:	2, 4 and 6
Current Rating:	18 Amps
Voltage:	600 Volts
Wire:	(22-18) and (16-14) AWG

Product Highlights

The pre-assembled, submersible MX150L is a high performance, environmentally sealed connector system suitable for challenging, rugged and harsh applications, supporting both low-level signal as well as power applications. The cost-effective connector design features all-in-one plug and receptacle housings with pre-assembled mat-wire and interfacial connector seals. The mating interface provides full IP67 sealing capability.

Features and Benefits	Applications

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

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Datasheet for 76650-0152

- Simple crimp, poke and plug application, no need to crimp individual wire seals
- Audible and tactile clicks on insertion, extraction and mating
- Easy terminal extraction and insertion
- Quick, low-cost field repairs using common screw driver, needle nose pliers and terminal extraction tool
- Environmentally sealed to IP67
- Integrated mat wire seal
- Circuit plugs provide the ability to plan for possible future circuit additions, while maintaining the sealing integrity of the mated pair.

- Agriculture Equipment
- Construction Equipment
- Recreational Vehicles
- On-Engine automotive applications
- Marine Equipment

Bill of Materials for Part No. 76650-0152

Molex Part No.	Country of Origin	Description	Quantity in Kit
19420-0010-C	USA	Female Terminal (18-22) AWG, MX150L™	100
19417-0048-C	USA	Male Terminal (18-22) AWG, MX150L™	100
19420-0009-C	USA	Female Terminal (14-16) AWG, MX150L™	100
19417-0047-C	USA	Male Terminal (14-16) AWG, MX150L™	100
19418-0016	Taiwan	2-Way MX150L Receptacle Assy 22-18 AWG (Red Seal) no CPA	2
19429-0033	Taiwan	2 Way MX150L™ Panel Mount Plug 22-14 AWG, Rear Mount Flange, w/ Gasket	2
19418-0017	Taiwan	2-Way MX150L Receptacle Assy 16-14 AWG (Blue Seal) no CPA	2
19429-0041	Taiwan	2 Way MX150L™ Panel Mount Plug 22-14 AWG, Thru Hole Flange, w/ Gasket	2
19418-0018	Taiwan	4-Way MX150L Receptacle Assy 22-18 AWG (Red Seal) no CPA	1
19429-0035	Taiwan	4 Way MX150L™ Panel Mount Plug 22-14 AWG, Rear Mount Flange, w/ Gasket	1
19418-0019	Taiwan	4-Way MX150L Receptacle Assy 16-14 AWG (Blue Seal) no CPA	1
19429-0043	Taiwan	4 Way MX150L™ Panel Mount Plug 22-14 AWG, Thru Hole Flange, w/ Gasket	1
19418-0020	Taiwan	6-Way MX150L Receptacle Assy 22-18 AWG (Red Seal) no CPA	1
19429-0036	Taiwan	6 Way MX150L™ Panel Mount Plug 22-14 AWG, Rear Mount Flange, w/ Gasket	1
19418-0021	Taiwan	6-Way MX150L Receptacle Assy 16-14 AWG (Blue Seal) no CPA	1

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19429-0044	Taiwan	6 Way MX150L™ Panel Mount Plug 22-14 AWG, Thru Hole Flange, w/ Gasket	1
19417-0119	Taiwan	MX150L(TM) Circuit Voiding Key, DUAL GENDER	10
63813-1500	USA	Manual Extraction Tool	1

Recommended Molex Tool(s) for Part No. 76650-0152*

Molex Part No.	Country of Origin	Description
63811-4400 *	Germany	Hand Crimp Tool (22-18) and (16-14) AWG
63811-7600 *	Germany	Hand Crimp Tool (22-18) AWG

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

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