

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 76650-0153

General Information

Part Number:	76650-0153
Manufacturer:	Molex / Waldom
Title:	Solderless Terminal Kit
Description:	Nylon Insulated .250" Tab Size Quick Disconnect, Quick Disconnect Adaptor and Coupler
Product Family:	Quick Disconnects
Certificates:	(Molex Parts within this kit) - EU RoHS Compliant
Country of Origin:	Kit assembled in U.S.A.

Specifications

Design	
Configuration:	Wire-to-Wire / Solderless Terminals
Tab Size:	.250"
Connector Type:	Male and Female
Insulation:	Nylon
Current Rating:	(3-15) Amps - Dependant on Wire Gauge
Voltage:	300 Volts
Wire size:	(22-18), (16-14), (14-12) and (12-10) AWG

Product Highlights

Quick disconnects allow for quickly connecting or disconnecting a terminal. The front end of the terminal has a female-type receptacle which allows the terminal to slide onto and off of a male blade. Quick Disconnects (QDs) are female terminals that mate with male tab terminals, tab adapters, and terminal blocks fitted with male tabs.

Features and Benefits

Applications

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- Color-coded insulator allows easy identification of terminal size and wire gauge.
 - Avikrimp provides a metal insulation support sleeve for superior strain relief
 - These fulfill the double crimp (support) requirements of VDE and other DIN specifications
 - Make two .250" x .032" male tabs from one male tab when an add-on circuit is needed
 - Converts one Power Block 1/4" (female) to two male tabs 10 deg. bend-up; 120 deg. bend-back
 - Splices two female 1/4" quick connects
- MRO (Maintenance Repair and Operations)
 - Consumer applications
 - Power applications
 - Motor applications

Bill of Materials for Part No. 76650-0153

Molex Part No.	Country of Origin	Description	Quantity in Kit
19019-0012	USA	.250 x .032 Nylon Female Quick Disconnects (22-18) AWG	25
19019-0031	USA	.250 x .032 Nylon Female Quick Disconnects (16-14) AWG	25
19019-0052	USA	.250 x .032 Nylon Female Quick Disconnects (14-12) AWG	25
19019-0037	USA	.250 x .032 Nylon Female Quick Disconnects (12-10) AWG	25
19043-0001	USA	.250 x .032 Double Male / Single Female Quick Disconnect Adapter	10
19043-0010	Taiwan	.250 x .032 Three Way Quick Disconnect Adapter	10
19163-0178	Taiwan	.250 x .032 Double Male Quick Disconnect Insulated Coupler	5

Recommended Molex Tool(s) for Part No. 76650-0153*

Molex Part No.	Country of Origin	Description
64001-0200 *	USA	Hand Crimp Tool (RHT-1991) / (22-18) AWG
64001-1700 *	USA	Hand Crimp Tool (RHT-5757) / (22-18) AWG
64001-1800 *	USA	Hand Crimp Tool (RHT-5759) / (14-12) AWG
64001-2000 *	USA	Hand Crimp Tool (RHT-5758) / (16-14) AWG
64001-7300 *	USA	Hand Crimp Tool (RHT-2210) / (12-10) AWG

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