

## Datasheet for 76650-0153

### General Information

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

### Specifications

<b>Design</b>	
<b>Configuration:</b>	Wire-to-Wire / Solderless Terminals
<b>Tab Size:</b>	.250"
<b>Connector Type:</b>	Male and Female
<b>Insulation:</b>	Nylon
<b>Current Rating:</b>	(3-15) Amps - Dependant on Wire Gauge
<b>Voltage:</b>	300 Volts
<b>Wire size:</b>	(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.

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