

## Datasheet for 76650-0045

### General Information

<b>Part Number:</b>	76650-0045
<b>Manufacturer:</b>	Molex / Waldom
<b>Title:</b>	Solderless Terminal Kit
<b>Description:</b>	.250" Tab Size Nylon Fully Insulated Quick Disconnect Solderless Terminals, with Universal Crimp Tool
<b>Product Family:</b>	Quick Disconnects
<b>Certificates:</b>	(Molex Parts within this kit) - EU RoHS Compliant, UL and CSA
<b>Country of Origin:</b>	Kit assembled in U.S.A.

### Specifications

#### Design

<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>	Per (Proper) Wire Specification
<b>Voltage:</b>	600 Volts
<b>Wire size:</b>	(22-18), (16-14) and (12-10)

### 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.

#### Features and Benefits

- Color-coded insulator allows easy identification of terminal size and wire gauge.
- A wire stop stamped into the crimp barrel prevents insertion of over-stripped wires.
- Terminal's funnel entrance is designed for increased crimping rates by speeding wire delivery into the crimp section and eliminating wire strand fold back.

#### Applications

- MRO (Maintenance Repair and Operations)
- Consumer applications
- Power applications
- Motor applications

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

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**Bill of Materials for Part No. 76650-0045**

<b>Molex Part No.</b>	<b>Country of Origin</b>	<b>Description</b>	<b>Quantity in Kit</b>
19004-0001	USA	Fully Insulated .250" Male Quick Disconnects, 22-18 AWG	50
19004-0005	USA	Fully Insulated .250" Male Quick Disconnects, 16-14 AWG	50
19004-0009	USA	Fully Insulated .250" Male Quick Disconnects, 12-10 AWG	50
19005-0001	USA	Fully Insulated .250" Female Quick Disconnects, 22-18 AWG	50
19005-0005	USA	Fully Insulated .250" Female Quick Disconnects, 16-14 AWG	50
19005-0010	USA	Fully Insulated .250" Female Quick Disconnects, 12-10 AWG	50
CT-4071-1R^	Taiwan	Universal Hand Crimping Tool, 22-10 AWG	1

^ =Tool Provided by Waldom

**Recommended Molex Tool(s) for Part No. 76650-0045\***

<b>Molex Part No.</b>	<b>Country of Origin</b>	<b>Description</b>
64001-0400 *	USA	Hand Crimp Tool (RHT-1994)
64001-4700 *	USA	Hand Crimp Tool (RHT-2761-CC)
64001-4900 *	USA	Hand Crimp Tool (RHT-2251CC)
64001-5100 *	USA	Hand Crimp Tool (RHT-2264)

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