

Datasheet for 76650-0045

General Information

Part Number:	76650-0045
Manufacturer:	Molex / Waldom
Title:	Solderless Terminal Kit
Description:	.250" Tab Size Nylon Fully Insulated Quick Disconnect Solderless Terminals, with Universal Crimp Tool
Product Family:	Quick Disconnects
Certificates:	(Molex Parts within this kit) - EU RoHS Compliant, UL and CSA
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:	Per (Proper) Wire Specification
Voltage:	600 Volts
Wire size:	(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

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Bill of Materials for Part No. 76650-0045

Molex Part No.	Country of Origin	Description	Quantity in Kit
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*

Molex Part No.	Country of Origin	Description
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.

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