

Datasheet for 76650-0042

General Information

Part Number:	76650-0042
Manufacturer:	Molex / Waldom
Title:	Solderless Terminal Kit
Description:	.187" Tab Size PVC and Nylon Insulated Quick Disconnect Solderless Terminals
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
Size:	.187"
Connector Type:	Male and Female
Insulation:	Nylon
Current Rating:	(3-15) Amps - Dependant on Wire Gauge
Voltage:	600 Volts
Wire size:	(22-18) and (16-14) 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.

Features and Benefits

- Translucent "see-through" insulator provides fast, on-line quality control inspection by allowing a quick visual check of the wire/terminal assembly.
- 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. 76650-0042

Molex Part No.	Country of Origin	Description	Quantity in Kit
19003-0011	USA	Fully Insulated .187" Female Quick Disconnects, 22-18 AWG	15
19003-0050	USA	Fully Insulated .187" Female Quick Disconnects, 16-14 AWG	15
19017-0007	USA	Insulated .187" Female Quick Disconnects, 22-18 AWG	15
19017-0031	USA	Insulated .187" Female Quick Disconnects, 16-14 AWG	15
19023-0003	USA	Insulated .187" Male Quick Disconnects, 22-18 AWG	20
19023-0010	USA	Insulated .187" Male Quick Disconnects, 16-14 AWG	30

Recommended Molex Tool(s) for Part No. 76650-0042*

Molex Part No.	Country of Origin	Description
64001-0400 *	USA	Hand Crimp Tool (RHT-1994)
64001-0700 *	USA	Hand Crimp Tool (RHT-5757-CC)
64001-0200 *	USA	Hand Crimp Tool (RHT-1991)
64001-1700 *	USA	Hand Crimp Tool (RHT-5757)
64001-2400 *	USA	Hand Crimp Tool (RHT-5768)

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