

## Datasheet for 76650-0042

### General Information

<b>Part Number:</b>	76650-0042
<b>Manufacturer:</b>	Molex / Waldom
<b>Title:</b>	Solderless Terminal Kit
<b>Description:</b>	.187" Tab Size PVC and Nylon Insulated Quick Disconnect Solderless Terminals
<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>Size:</b>	.187"
<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>	600 Volts
<b>Wire size:</b>	(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

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

**Datasheet for 76650-0042**

**Bill of Materials for Part No. 76650-0042**

<b>Molex Part No.</b>	<b>Country of Origin</b>	<b>Description</b>	<b>Quantity in Kit</b>
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\***

<b>Molex Part No.</b>	<b>Country of Origin</b>	<b>Description</b>
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.