

## Datasheet for 76650-0046

### General Information

<b>Part Number:</b>	76650-0046
<b>Manufacturer:</b>	Molex / Waldom
<b>Title:</b>	Solderless Terminal Kit
<b>Description:</b>	.187" Tab Size Nylon Insulated and Fully 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>Tab 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>	300 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

- 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. 76650-0046**

<b>Molex Part No.</b>	<b>Country of Origin</b>	<b>Description</b>	<b>Quantity in Kit</b>
19002-0005	USA	Fully Insulated .187" Female Quick Disconnects, 22-18 AWG	5
19002-0028	USA	Fully Insulated .187" Female Quick Disconnects, 16-14 AWG	5
19019-0006	USA	Insulated .187" Female Quick Disconnects, 22-18 AWG	20
19019-0027	USA	Insulated .187" Female Quick Disconnects, 16-14 AWG	20
19025-0002	USA	Insulated .187" Male Quick Disconnects, 22-18 AWG	25
19025-0008	USA	Insulated .187" Male Quick Disconnects, 16-14 AWG	25

**Recommended Molex Tool(s) for Part No. 76650-0046\***

<b>Molex Part No.</b>	<b>Country of Origin</b>	<b>Description</b>
64001-0100 *	USA	Hand Crimp Tool (RHT-1990)
64001-0200 *	USA	Hand Crimp Tool (RHT-1991)
64001-0800 *	USA	Hand Crimp Tool (RHT-5760)
64001-1100 *	USA	Hand Crimp Tool (RHT-5762)
64001-1400 *	USA	Hand Crimp Tool (RHT-2100)
64001-1700 *	USA	Hand Crimp Tool (RHT-5757)
64001-2000 *	USA	Hand Crimp Tool (RHT-5758)

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