

Datasheet for 76650-0046

General Information

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| Part Number: | 76650-0046 |
| Manufacturer: | Molex / Waldom |
| Title: | Solderless Terminal Kit |
| Description: | .187" Tab Size Nylon Insulated and Fully 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 |
| Tab Size: | .187" |
| Connector Type: | Male and Female |
| Insulation: | Nylon |
| Current Rating: | (3-15) Amps - Dependant on Wire Gauge |
| Voltage: | 300 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

- 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

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

| Molex Part No. | Country of Origin | Description |
|-----------------------|--------------------------|----------------------------|
| 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.