

## Datasheet for 76650-0047

### General Information

<b>Part Number:</b>	76650-0047
<b>Manufacturer:</b>	Molex / Waldom
<b>Title:</b>	Solderless Terminal Kit
<b>Description:</b>	Nylon Insulated Butt Splice 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>	Solderless Terminals / Wire-to-Wire
<b>Connector Type:</b>	Female
<b>Insulation:</b>	Nylon
<b>Current Rating:</b>	3 Amps - Dependent on AWG
<b>Voltage:</b>	600 Volts
<b>Wire size:</b>	(22-18), (16-14), and (12-10) AWG

### Product Highlights

Stripped wires are inserted from each end and "butt" in the center. Then a crimp at each end secures the connection.

#### 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. 76650-0047

Molex Part No.	Country of Origin	Description	Quantity in Kit
19202-0013	Taiwan	Insulated Butt Splice (Nylon) Solderless Terminals, 22-18 AWG	100
19202-0031	Taiwan	Insulated Butt Splice (Nylon) Solderless Terminals, 16-14 AWG	100
19202-0049	USA	Insulated Butt Splice (Nylon) Solderless Terminals, 12-10 AWG	40

### Recommended Molex Tool(s) for Part No. 76650-0047\*

Molex Part No.	Country of Origin	Description
64001-2700 *	USA	Hand Crimp Tool (22-18) - (RHT-8100)
64001-0300 *	USA	Hand Crimp Tool (16-14) & (12-10) - (RHT-1993)
64001-5000 *	USA	Hand Crimp Tool (12-10) - (RHT-9100)

\*Tool not included in kit. Tool ordered separately.