

Datasheet for 76650-0047

General Information

Part Number:	76650-0047
Manufacturer:	Molex / Waldom
Title:	Solderless Terminal Kit
Description:	Nylon Insulated Butt Splice 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:	Solderless Terminals / Wire-to-Wire
Connector Type:	Female
Insulation:	Nylon
Current Rating:	3 Amps - Dependent on AWG
Voltage:	600 Volts
Wire size:	(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

For additional Molex / Waldom Design and Solution kits please go to www.molexkits.com

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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.