

Datasheet for 76650-0041

**General Information**

**Part Number:** 76650-0041  
**Manufacturer:** Molex / Waldom  
**Title:** Solderless Terminal Kit  
**Description:** .250" Tab Size PVC Insulated Quick Disconnect Solderless Terminals  
**Product Family:** Quick Disconnect  
**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  
**Size(s):** .250"  
**Insulation:** PVC  
**Current Rating:** Per Proper Wire Specification  
**Voltage:** 600 Volts  
**Wire size:** (22-18), (16-14) and (12-10)

**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

Datasheet for 76650-0041

**Bill of Materials for Part No. 76650-0041**

<b>Molex Part No.</b>	<b>Country of Origin</b>	<b>Description</b>	<b>Quantity in Kit</b>
19023-0005	USA	Insulated .250" Male Quick Disconnects, 22-18 AWG	25
19023-0008	USA	Insulated .250" Male Quick Disconnects, 12-10 AWG	25
19023-0012	USA	Insulated .250" Male Quick Disconnects, 16-14 AWG	25
19017-0014	USA	Insulated .250" Female Quick Disconnects, 22-18 AWG	25
19017-0037	USA	Insulated .250" Female Quick Disconnects, 16-14 AWG	25
19017-0047	USA	Insulated .250" Female Quick Disconnects, 12-10 AWG	25

**Recommended Molex Tool(s) for Part No. 76650-0041\***

<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)
64001-1400 *	USA	Hand Crimp Tool (RHT-2100)
64001-1700 *	USA	Hand Crimp Tool (RHT-5757)
64001-2000 *	USA	Hand Crimp Tool (RHT-5758)
64001-4800 *	USA	Hand Crimp Tool (RHT-2251)

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