

## Datasheet for 76650-0028

### General Information

<b>Part Number:</b>	76650-0028
<b>Manufacturer:</b>	Molex / Waldom
<b>Title:</b>	Solderless Terminal Kit
<b>Description:</b>	.110", .187" and .250" Tab Size Non-Insulated and PVC Insulated Quick Disconnect Solderless Terminals, With Universal Crimp Tool
<b>Product Family:</b>	Quick Disconnect
<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>	.110", .187" and .250"
<b>Insulation:</b>	PVC and Non-insulated
<b>Current Rating:</b>	Per (Proper) Wire Specification
<b>Voltage:</b>	Per (Proper) Wire Specification
<b>Wire size:</b>	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
- Powertrains
- Transportation
- Construction / Mining
- Energy / Power
- Production Equipment
- Instrumentation
- Environmental Equipment and Controls
- Blower Motors

**For additional Molex / Waldom Design and Solution kits please go to [www.molexkits.com](http://www.molexkits.com)**

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**Bill of Materials for Part No. 76650-0028**

Molex Part No.	Country of Origin	Description	Quantity in Kit
19008-0020	USA	Non-insulated .187" Female Flag Quick Disconnect Terminals, 16-14 AWG	30
19008-0024	USA	Non-insulated .250" Female Flag Quick Disconnect Terminals, 16-14 AWG	30
19016-0037	USA	Non-insulated .110" Female Quick Disconnect Terminals, 16-14 AWG	30
19016-0039	USA	Non-insulated .187" Female Quick Disconnect Terminals, 16-14 AWG	30
19016-0111	USA	Non-insulated .250" Female Quick Disconnect Terminals, 16-14 AWG	30
19017-0028	USA	Insulated .110" Female Quick Disconnect Terminals, 16-14 AWG	30
19017-0031	USA	Insulated .187" Female Quick Disconnect Terminals, 16-14 AWG	30
19017-0037	USA	Insulated .250" Female Quick Disconnect Terminals, 16-14 AWG	30
19022-0022	USA	Non-insulated .187" Male Quick Disconnect Terminals, 16-14 AWG	30
19022-0018	USA	Non-insulated .250" Male Quick Disconnect Terminals, 16-14 AWG	30
19023-0010	USA	Insulated .187" Male Quick Disconnect Terminals, 16-14 AWG	30
19023-0012	USA	Insulated .250" Male Quick Disconnect Terminals, 16-14 AWG	30
CT-4071-1R^	Taiwan	Universal Hand Crimping Tool, 22-10 AWG	1

^ =Tool Provided by Waldom

**Recommended Molex Tool(s) for Part No. 76650-0028\***

Molex Part No.	Country of Origin	Description
<a href="#">64001-0100</a> *	USA	Hand Crimp Tool (RHT-1990)
<a href="#">64001-0200</a> *	USA	Hand Crimp Tool (RHT-1991)
<a href="#">64001-1400</a> *	USA	Hand Crimp Tool (RHT-2100)
<a href="#">64001-2000</a> *	USA	Hand Crimp Tool (RHT-5758)
<a href="#">64003-1200</a> *	USA	Hand Crimp Tool (RHT-1752)
<a href="#">64003-4200</a> *	USA	Hand Crimp Tool (RHT-NIFG)

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

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