

## 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

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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.