

## Datasheet for 76650-0028

### General Information

|                           |  |
|---------------------------|--|
| <b>Kit Part Number:</b>   | 76650-0028                                   |
| <b>Connector Type:</b>    | Solderless Terminals                         |
| <b>Solution:</b>          | Maintenance, Repair and Operation Connectors |
| <b>Molex Family:</b>      | Solderless Terminals                         |
| <b>Certificates:</b>      | N/A  |
| <b>Country of Origin:</b> | Kit assembled in U.S.A                       |

### Specifications

|                          |  |
|--------------------------|--|
| <b>Insulation:</b>       | Non-Insulated, PVC                             |
| <b>Mounting Style:</b>   | Non-Mounted                                    |
| <b>Orientation:</b>      | Assorted Quick Disconnect Terminals            |
| <b>Product/Type:</b>     | Assorted Terminals                             |
| <b>Stud/Tab Size:</b>    | .110" (2.79mm), .187" (4.75mm), .250" (6.35mm) |
| <b>Tool Included:</b>    | Yes  |
| <b>Wire Gauge (AWG):</b> | 16-14  |

### Product Highlights

Molex® 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 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

**Bill of Materials**

| <b>Molex Part No.</b> | <b>Description</b>  | <b>Quantity</b> |
|-----------------------|---|-----------------|
| 19008-0020            | Non-insulated 4.75mm (.187") Female Flag Quick Disconnect Terminal, 16-14 AWG | 30              |
| 19008-0024            | Non-insulated 6.35mm (.250") Female Flag Quick Disconnect Terminal, 16-14 AWG | 30              |
| 19016-0037            | Non-insulated 2.79mm (.110") Female Quick Disconnect Terminal, 16-14 AWG      | 30              |
| 19016-0039            | Non-insulated 4.75mm (.187") Female Quick Disconnect Terminal, 16-14 AWG      | 30              |
| 19016-0111            | Non-insulated 6.35mm (.250") Female Quick Disconnect Terminal, 16-14 AWG      | 30              |
| 19017-0028            | Insulated 2.79mm (.110") Female Quick Disconnect Terminal, 16-14 AWG          | 30              |
| 19017-0031            | Insulated 4.75mm (.187") Female Quick Disconnect Terminal, 16-14 AWG          | 30              |
| 19017-0037            | Insulated 6.35mm (.250") Female Quick Disconnect Terminal, 16-14 AWG          | 30              |
| 19022-0022            | Non-insulated 4.75mm (.187") Male Quick Disconnect Terminal, 16-14 AWG        | 30              |
| 19022-0018            | Non-insulated 6.35mm (.250") Male Quick Disconnect Terminal, 16-14 AWG        | 30              |
| 19023-0010            | Insulated 4.75mm (.187") Male Quick Disconnect Terminal, 16-14 AWG            | 30              |
| 19023-0012            | Insulated 6.35mm (.250") Male Quick Disconnect Terminal, 16-14 AWG            | 30              |
| CT-4071-1R            | Universal Hand Crimping Tool, 22-10 AWG                                       | 1               |

**Recommended Molex Tool**

| <b>Molex Part No.</b>            | <b>Description</b>                  |
|----------------------------------|-------------------------------------|
| CT-4071-1R (included in kit)     | No Additional Information           |
| 64001-0100 (not included in kit) | <a href="#">Click for more info</a> |