

## Datasheet for 76650-0043

### General Information

<b>Kit Part Number:</b>	76650-0043
<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>	Nylon, PVC
<b>Insulation Type:</b>	Nylon, PVC Insulated
<b>Mounting Style:</b>	Non-Mounted
<b>Orientation:</b>	Assorted Quick Disconnect Terminals
<b>Product/Type:</b>	Assorted Terminals
<b>Stud/Tab Size:</b>	# 6, .250" (6.35mm), 1/4" (6.35mm), 3/8", 3/8" (9.52mm)
<b>Tool Included:</b>	Yes
<b>Wire Gauge (AWG):</b>	12-10, 16-14, 22-14, 22-18

### 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. Spades have the open tongue end used for rapid insertion on the mounting screw. The spade is usually used on free standing studs. Closed-end connectors are used in a variety of situations to "pigtail" or tie together 2 or more wires. Butt Splices allow two stripped wires to be inserted into each end and "butt" in the center, with the crimp securing both wires together.

#### 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.
- Terminals funnel entrance is designed for increased crimping rates by speeding wire delivery into the crimp section and eliminating wire strand fold back.
- The spades open tongue end is for rapid insertion on the mounting screw / stud
- The basic ring tongue type is the safest and most reliable because it cannot be disconnected unless the screw is completely removed.

#### Applications

- MRO (Maintenance Repair and Operations)
- Consumer Applications
- Power Applications
- Motor Applications
- Powertrains
- Transportation
- Construction / Mining
- Energy / Power
- Production Equipment
- Instrumentation

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- Environmental Equipment and Controls
- Blower Motors

## Bill of Materials

Molex Part No.	Description	Quantity
19004-0005	Fully Insulated 6.35mm (.250") Male Quick Disconnect Terminal, 16-14 AWG	25
19005-0005	Fully Insulated 6.35mm (.250") Female Quick Disconnect Terminal, 16-14 AWG	25
19017-0037	Insulated 6.35mm (.250") Female Quick Disconnect Terminal, 16-14 AWG	25
19023-0012	Insulated 6.35mm (.250") Male Quick Disconnect Terminal, 16-14 AWG	25
19054-0033	Insulated #6 Ring Tongue Terminal, 22-18 AWG	25
19054-0081	Insulated #6 Ring Tongue Terminal, 16-14 AWG	25
19054-0086	Insulated 1/4" Ring Tongue Terminal, 16-14 AWG	25
19054-0113	Insulated #10 Ring Tongue Terminal, 16-14 AWG	25
19070-0123	Insulated #10 Ring Tongue Terminal, 12-10 AWG	25
19070-0153	Insulated 3/8" Ring Tongue Terminal, 12-10 AWG	25
19142-0003	Insulated #6 Spade Terminal, 22-18 AWG	25
19142-0029	Insulated #6 Spade Terminal, 16-14 AWG	25
19142-0032	Insulated #10 Spade Terminal, 16-14 AWG	25
19144-0042	Insulated #10 Spade Terminal, 12-10 AWG	25
19154-0004	Insulated Butt Splice Connector, 22-18 AWG	25
19154-0015	Insulated Butt Splice Connector, 16-14 AWG	25
19154-0028	Insulated Butt Splice Connector, 12-10 AWG	25
19160-0002	Insulated Nylon Closed-end Connector, 16-14 AWG	25
19160-0012	Insulated Closed-end Splice Connector, 22-14 AWG	25
19216-0003	Insulated Multi-Lock Connector, 16-14 AWG	15
CT-4071-1R	Universal Hand Crimping Tool, 22-10 AWG	1

## Recommended Molex Tool

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