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Datasheet for 76650-0043

General Information	
Kit Part Number:	76650-0043
Connector Type:	Solderless Terminals
Solution:	Maintenance, Repair and Operation Connectors
Molex Family:	Solderless Terminals
Certificates:	N/A
Country of Origin:	Kit assembled in U.S.A

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

Product Hightlights

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

- Environmental Equipment and Controls
- Blower Motors

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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 Crimpping 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)	Click for more info