

Datasheet for 76650-0040

General Information

Kit Part Number:	76650-0040
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:	PVC
Insulation Type:	PVC Insulated
Mounting Style:	Non-Mounted
Orientation:	Assorted Quick Disconnect Terminals
Product/Type:	Assorted Terminals
Stud/Tab Size:	# 6, #10, .250" (6.35mm), 3/8" (9.52mm)
Tool Included:	Yes
Wire Gauge (AWG):	12-10, 16-14 , 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. 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

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Bill of Materials

Molex Part No.	Description	Quantity
19017-0037	Insulated 6.35mm (.250") Female Quick Disconnect Terminal, 16-14 AWG	10
19023-0012	Insulated 6.35mm (.250") Male Quick Disconnect Terminal, 16-14 AWG	10
19054-0081	Insulated #6 Ring Tongue Terminal, 16-14 AWG	10
19054-0113	Insulated #10 Ring Tongue Terminal, 16-14 AWG	10
19070-0123	Insulated #10 Ring Tongue Terminal, 12-10 AWG	10
19070-0153	Insulated 3/8" Ring Tongue Terminal, 12-10 AWG	10
19142-0003	Insulated #6 Spade Terminal, 22-18 AWG	10
19142-0032	Insulated #10 Spade Terminal, 16-14 AWG	10
19154-0004	Insulated Butt Splice Connector, 22-18 AWG	10
19154-0015	Insulated Butt Splice Connector, 16-14 AWG	10
19154-0028	Insulated Butt Splice Connector, 12-10 AWG	10
CT-4071-1R	Universal Hand Crimping Tool, 22-10 AWG	1
19142-0029	Insulated #6 Spade Terminal, 16-14 AWG	10

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