

Datasheet for 76650-0035

General Information

Kit Part Number:	76650-0035
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:	Non-Insulated
Mounting Style:	Non-Mounted
Orientation:	Assorted .250" Tab Quick Disconnect Terminals
Product/Type:	Assorted Terminals
Stud/Tab Size:	# 6, #10, .250" (6.35mm), 3/8"
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

- Terminals employ the full barrel length that eliminates costly and time consuming location when crimping
- Finest quality electrolytic copper
- One-piece design, butted seam
- 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.
- Block Spades are designed for use in terminal blocks
- Hook combines the security advantage of the ring with the easy-handling characteristics of the spade.

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

<http://www.molexkits.com>

- Blower Motors

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Bill of Materials

Molex Part No.	Description	Quantity
19016-0111	Non-insulated 6.35mm (.250") Female Quick Disconnect Terminal, 16-14 AWG	15
19022-0018	Non-insulated 6.35mm (.250") Male Quick Disconnect Terminal, 16-14 AWG	15
19044-0032	Non-insulated #10 Ring Tongue Terminal, 16-14 AWG	15
19044-0068	Non-insulated #6 Ring Tongue Terminal, 22-18 AWG	15
19044-0072	Non-insulated #10 Ring Tongue Terminal, 22-18 AWG	15
19044-0152	Non-insulated #6 Ring Tongue Terminal, 16-14 AWG	15
19118-0021	Non-insulated #6 Flanged Block Spade Terminal, 22-18 AWG	15
CT-4071-1R	Universal Hand Crimping Tool, 22-10 AWG	1
19128-0021	Non-insulated #6 Block Spade Terminal, 16-14 AWG	15
19146-0037	Non-insulated #10 Block Spade Terminal, 16-14 AWG	15
19170-0001	Non-insulated #6 Hook Tongue Terminal, 22-18 AWG	15
19189-0002	Non-insulated Butt Splice Connector, 22-18 AWG	15
19189-0008	Non-insulated Butt Splice Connector, 16-14 AWG	15

Recommended Molex Tool

Molex Part No.	Description
CT-4071-1R (included in kit)	No Additional Information
64003-0100 (not included in kit)	Click for more info