

## Datasheet for 76650-0038

### General Information

<b>Kit Part Number:</b>	76650-0038
<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
<b>Mounting Style:</b>	Non-Mounted
<b>Orientation:</b>	Assorted Quick Disconnect Terminals
<b>Product/Type:</b>	Assorted Terminals
<b>Stud/Tab Size:</b>	# 10, # 6, # 8, .250" (6.35mm), 1/4" (6.35mm), 3/8" (9.52mm)
<b>Tool Included:</b>	Yes
<b>Wire Gauge (AWG):</b>	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

#### 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

Molex Part No.	Description	Quantity
19016-0111	Non-insulated 6.35mm (.250") Female Quick Disconnect Terminal, 16-14 AWG	45
19022-0018	Non-insulated 6.35mm (.250") Male Quick Disconnect Terminal, 16-14 AWG	45
19044-0031	Non-insulated #8 Ring Tongue Terminal, 16-14 AWG	45
19044-0032	Non-insulated #10 Ring Tongue Terminal, 16-14 AWG	45
19044-0066	Non-insulated #6 Ring Tongue Terminal, 22-18 AWG	45
19044-0152	Non-insulated #6 Ring Tongue Terminal, 16-14 AWG	45
19044-0158	Non-insulated 1/4" Ring Tongue Terminal, 16-14 AWG	45
19069-0209	Non-insulated #10 Ring Tongue Terminal, 12-10 AWG	45
19069-0219	Non-insulated 1/4" Ring Tongue Terminal, 12-10 AWG	45
19069-0241	Non-insulated 3/8" Ring Tongue Terminal, 12-10 AWG	45
19140-0035	Non-insulated #6 Block Spade Terminal, 22-18 AWG	45
19140-0036	Non-insulated #8 Block Spade Terminal, 22-18 AWG	45
19140-0037	Non-insulated #10 Block Spade Terminal, 22-18 AWG	45
19140-0090	Non-insulated #6 Block Spade Terminal, 16-14 AWG	45
19140-0091	Non-insulated #8 Block Spade Terminal, 16-14 AWG	45
19140-0093	Non-insulated #10 Block Spade Terminal, 16-14 AWG	45
19141-0085	Non-insulated #10 Block Spade Terminal, 12-10 AWG	45
19189-0002	Non-insulated Butt Splice Connector, 22-18 AWG	45
19189-0008	Non-insulated Butt Splice Connector, 16-14 AWG	45
19189-0015	Non-insulated Butt Splice Connector Terminal, 12-10 AWG	20
CT-4071-1R	Universal Hand Crimping Tool, 22-10 AWG	1

## Recommended Molex Tool

Molex Part No.	Description
64003-0100 (not included in kit)	<a href="#">Click for more info</a>
64003-1200 (not included in kit)	<a href="#">Click for more info</a>