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Datasheet for 76650-0053

General Information	
Kit Part Number:	76650-0053
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
Mounting Style:	Non-Mounted
Orientation:	Assorted Quick Disconnect Terminals
Product/Type:	Assorted Terminals
Stud/Tab Size:	.187" Tabs, .250" Tabs
Tool Included:	Yes
Wire Gauge (AWG):	12-10, 16-14 , 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. Flags are a type of product that are used when there is a space constraint, and a regular straight Quick Disconnect is too large. Piggyback Quick Disconnects can be used when multiple connections (also called piggyback) are required and there are a limited number of male tabs. The piggyback actually allows another QD to be connected to its tab and then the piggyback is connected to a tab. Spades have the open tongue end used for rapid insertion on the mounting screw. The spade is usually used on free standing studs. The Snap plug is a round bullet-like terminal that plugs or "snaps" into the female receptacle. Snaps are used in a variety of applications where a "quick disconnect" connection is needed, but there is not enough space for a normal QD coupler. Like a coupler set, the male and female pieces can be connected and disconnected many times. 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. The Step Down Butt Splice is the perfect solution when 2 wires need to be inserted in one end of a splice and a single wire in the other end.

Features and Benefits

• Color-coded insulator allows easy identification of terminal size and wire gauge.
• The Step Down Butt Splice is the perfect solution when 2 wires need to be spliced to a single wire
• Avikrimp provides a metal insulation support sleeve for superior strain relief
• The color-coded Nylon insulating sleeve extends beyond the metal support sleeve
• Terminals funnel entrance is designed for increased crimping rates by speeding wire delivery into the crimp section and eliminating wire strand fold back.
• A wire stop stamped into the crimp barrel prevents insertion of over-stripped wires.

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
19002-0001	Fully Insulated Female Quick Disconnect Standard Flare Tab, 22-18 AWG, 6.35mm (.250"), Red	25
19002-0005	Fully Insulated Female Quick Disconnect Standard Flare Tab, 22-18 AWG, 4.75mm (.187"), Red	25
19002-0024	Fully Insulated Female Quick Disconnect Standard Flare Tab, 22-18 AWG, 6.35mm (.250"), Blue	25
19002-0028	Fully Insulated Female Quick Disconnect Standard Flare Tab, 22-18 AWG, 4.75mm (.187"), Blue	25
19003-0001	Fully Insulated Female Quick Disconnect Standard Flare Tab, 22-18 AWG, 6.35mm (.250"), Pink	25
19003-0011	Fully Insulated Female Quick Disconnect Terminal, 22-18 AWG, 4.75mm (.187"), Pink	25
19003-0040	Fully Insulated Female Quick Disconnect Standard Flare Tab, 22-18 AWG, 6.35mm (.250"), Light Blue	25
19006-0001	Fully Insulated Female Quick Disconnect Flag Terminal, 22-18 AWG, 6.35mm (.250"), Red	25
19006-0005	Fully Insulated Female Quick Disconnect Flag Tab, 22-18 AWG, 4.75mm (.187"), Red	25
19006-0011	Fully Insulated Female Quick Disconnect Flag Tab, 22-18 AWG, 6.35mm (.250"), Blue	25
19007-0001	Fully Insulated Female Quick Disconnect Flag Terminal, 22-18 AWG, 6.35mm (.250"), Pink	25
19007-0021	Fully Insulated Female Quick Disconnect Flag Standard Flare Tab, 16-14 AWG, 6.35mm (.250"), Light Blue	25
19007-0029	Fully Insulated Female Quick Disconnect Flag Standard Flare Tab, 16-14 AWG, 4.75mm (.187"), Light Blue	25
19007-0040	Fully Insulated Female Quick Disconnect Flag Terminal, 12-10 AWG, 6.35mm (.250"), Yellow	25
19013-0025	Insulated Female Quick Disconnect Pig Back Standard Flare Tab, 22-18 AWG, 6.35mm (.250"), Pink	25
19019-0001	Insulated Female Quick Disconnect Nylon Tab, 22-18 AWG, 2.79mm (.110"), Dark Pink	25
19019-0006	Insulated Female Quick Disconnect Terminal, 22-18 AWG, 4.75mm (.187"), Dark Pink	25
19019-0031	Insulated Female Quick Disconnect Nylon Tab, 16-14 AWG, 6.35mm (.250"), Light Blue	25
19606-0002	Insulated Female Quick Disconnect Terminal, 12-10 AWG, 6.35mm (.250"), Yellow	25
19154-0004	Insulated Butt Splice Connector, 22-18 AWG	25
19154-0022	Insulated Step-down Butt Connector, 22-14 AWG, Blue	25
19160-0009	Nylon Insulator, Closed-end Connector, 22-12 AWG, Clear	25
19198-0016	Insulated Spade Tongue Terminal, 16-14 AWG, 5-6 (M3-3.5) Stud Size, Light Blue	25
19198-0070	Insulated Spade Tongue Terminal, 22-18 AWG, 5-6 (M3-3.5) Stud Size, Dark Pink	25
19294-0003	Molex Universal Crimp Tool-Bolt Cutter/Wire Stripper/Wire Cutter, 22-10 AWG, Blue Handles	1

Recommended Molex Tool

Molex Part No.	Descripition
19294-0003 (included in kit)	Click for more info
64001-0100 (not included in kit)	Click for more info