

Datasheet for 76650-0159

General Information

Kit Part Number:	76650-0159
Connector Type:	Wire-to-Wire
Solution:	Power Connectors
Molex Family:	Micro-Fit 3.0™
Certificates:	N/A
Country of Origin:	Kit assembled in U.S.A

Specifications

Circuit Size:	2, 3, 4, 5, 6
Current Rating:	5A
Mounting Style:	Free-Hanging
Orientation:	Plugs, Receptacles
Pitch:	3.00mm (.118")
Tool Included:	No
Voltage Rating:	250V
Wire Gauge (AWG):	24-20, 30-26

Product Highlights

The Micro-Fit 3.0™ is a unique interconnect system designed to meet the need for a high contact density signal or power connector and incorporates many of the features previously found on larger power connectors. These 3.00mm (.118") pitch connectors are the perfect choice when you need compact connectors that carry up to 5 amperes of current. Micro-Fit products are available in more circuit sizes, and dual row, and wire-to-board applications. The product family has over 500 part numbers.

Features and Benefits

- Fully isolated contacts
- Fully polarized to mate, prevents accidental mismating
- Integral pull tabs for ease in unmating
- Positive latching to mate, prevents accidental disconnects
- Box-type spring contact for high normal force
- Locking tang secures terminal in housing
- 4 points of contact for optimum reliability

Applications

- Personal Computers
- Computers and Workstations
- Handheld Devices
- Office Equipment
- Fan Tray Assemblies
- Power Supplies
- Gaming and Vending

<http://www.molexkits.com>

Bill of Materials

Molex Part No.	Description	Quantity
43030-0007	Micro-Fit 3.0™ Crimp Terminal, Female, 24-20 AWG	100
43031-0007	Micro-Fit 3.0™ Crimp Terminal, Male, 24-20 AWG	100
43030-0010	Female Crimp Terminal Micro-Fit™ 30-26 AWG	100
43031-0010	Male Crimp Terminal Micro-Fit™, 30-26 AWG	100
43645-0200	3.0mm (.118") Pitch Micro-Fit 3.0™ Receptacle, 2 Circuits	25
43645-0300	3.0mm (.118") Pitch Micro-Fit 3.0™ Receptacle, 3 Circuits	25
43645-0400	3.0mm (.118") Pitch Micro-Fit 3.0™ Receptacle, 4 Circuits	15
43645-0500	3.0mm (.118") Pitch Micro-Fit 3.0™ Receptacle, 5 Circuits	10
43645-0600	3.0mm (.118") Pitch Micro-Fit 3.0™ Receptacle, 6 Circuits	5
43640-0201	3.0mm (.118") Pitch Micro-Fit 3.0™ Plug, 2 Circuits	25
43640-0301	3.0mm (.118") Pitch Micro-Fit 3.0™ Plug, 3 Circuits	25
43640-0401	3.0mm (.118") Pitch Micro-Fit 3.0™ Plug, 4 Circuits	15
43640-0501	3.0mm (.118") Pitch Micro-Fit 3.0™ Plug, 5 Circuits	10
43640-0601	3.0mm (.118") Pitch Micro-Fit 3.0™ Plug, 6 Circuits	5

Recommended Molex Tool

Molex Part No.	Description
63819-0000 (not included in kit)	Click for more info
11-03-0043 (not included in kit)	Click for more info