MolexKits.com
The connector kit specialist

Datasheet for 76650-0019

General Information	
Kit Part Number:	76650-0019
Connector Type:	Wire-to-Wire
Solution:	Power Connectors
Molex Family:	Standard .062
Certificates:	N/A
Country of Origin:	Kit assembled in U.S.A

Specifications	
Circuit Size:	1, 12, 15, 2, 3, 36, 4, 5, 6, 9
Current Rating:	5A
Mounting Style:	Free-Hanging, Panel Mount
Orientation:	Panel Mount Plugs, Receptacles
Pitch:	3.68mm (.145")
Tool Included:	Yes
Voltage Rating:	250V
Wire Gauge (AWG):	24-18

Product Hightlights

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The Standard .062" is a durable and economical power or signal connector, capable of carrying up to 5.0 amps per circuit. Tough Nylon housings and robust terminal design create a durable, long lasting product. The Standard .062" products are reliable and offer high value in features and price. These products are an excellent choice for power or signal interconnect applications.

Features and Benefits
• Male and female terminals may be used in either plug or receptacle housings
• Free hanging or panel mount housing version available
• Round terminals may be oriented in any direction for fast assembly
• Passive (friction lock)
• Polarized housing assures proper mating

Applications
• Power Supplies
• Appliances
• Gaming Machines
• Vending Machines
• Refrigerators
• Washing Machines
• Copy Machines Â

Bill of Materials

Molex Part No.	Description	Quantity
02-06-2103	1.57mm (.062") Diameter Male Crimp Terminal, 24-18 AWG	100
02-06-1103	1.57mm (.062") Diameter Female Crimp Terminal, 24-18 AWG	100
03-06-1011	3.68mm (.145") Pitch, 1 Circuit, Free-Hanging Pin and Socket Receptacle	15
03-06-1022	3.68mm (.145") Pitch, 2 Circuit, Panel Mount Pin and Socket Receptacle	5
03-06-1038	3.68mm (.145") Pitch, 3 Circuit, Panel Mount Pin and Socket Receptacle	5
50-29-1758	3.68mm (.145") Pitch, 4 Circuits, Panel Mount Pin and Socket Receptacle	3
03-06-1055	3.68mm (.145") Pitch, 5 Circuit, Panel Mount Pin and Socket Receptacle	3
03-06-1061	3.68mm (.145") Pitch, 6 Circuit, Panel Mount Pin and Socket Receptacle	4
03-06-1121	3.68mm (.145") Pitch, 12 Circuit, Panel Mount Pin and Socket Receptacle	2
03-06-1361	4.19mm (.165") Pitch, 36 Circuit, Panel Mount Pin and Socket Receptacle	1
03-06-2011	3.68mm (.145") Pitch, 1 Circuit, Free-Hanging Pin and Socket Plug	15
03-06-2024	3.68mm (.145") Pitch, 2 Circuit, Panel Mount Pin and Socket Plug	5
03-06-2033	3.68mm (.145") Pitch, 3 Circuit, Panel Mount Pin and Socket Plug	5
03-06-2054	3.68mm (.145") Pitch, 5 Circuit, Panel Mount Pin and Socket Plug	4
03-06-2062	3.68mm (.145") Pitch, 6 Circuit, Panel Mount Pin and Socket Plug	4
03-06-2091	3.68mm (.145") Pitch, 9 Circuit, Panel Mount Pin and Socket Plug	3
03-06-2121	3.68mm (.145") Pitch, 12 Circuit, Panel Mount Pin and Socket Plug	2
03-06-2151	3.68mm (.145") Pitch, 15 Circuit, Panel Mount Pin and Socket Plug	1
03-06-2361	4.19mm (.165") Pitch, 36 Circuit, Panel Mount Pin and Socket Plug	1
03-06-6155	3.68mm (.145") Pitch, 15 Circuit, Panel Mount Pin and Socket Receptacle	1
W-HT-1921	Universal Crimping Tool	1
W-HT-2023	Extraction Tool	1
50-36-1871	9 Circuit, Panel Mount Nylon Connector Receptacle	3
46999-0353	Plug 4 Circuits Glow Wire	3

Recommended Molex Tool

Molex Part No.	Description
W-HT-1921 (included in kit)	No Additional Information
63811-1000 (not included in kit)	Click for more info