

Datasheet for 76650-0019

General Information

Part Number:	76650-0019
Manufacturer:	Molex / Waldom
Title:	.062" Power Connector Kit
Description:	Panel Mount Plug and Receptacle, with Extraction and Universal Crimp Tool, 5A 250V
Product Family:	Standard .062"
Certificates:	(Molex parts within this kit) - EU and China RoHS, UL, CSA and TUV
Country of Origin:	Kit assembled in U.S.A.

Specifications

Design

Configuration:	Wire to Wire
Pitch:	3.68mm (.145 "), Except for 36 Circuit is 4.19mm (.165") Pitch
Connector Type:	Plug and Receptacle
Mounting	
Orientation:	Panel Mount and Free-hanging
Circuit Sizes:	1, 2, 3, 4, 5, 6, 9, 12, 15 and 36
Current Rating:	5 Amps, Except for 36 Circuit is 4 Amps
Voltage:	250 Volts
Wire size:	24-18 AWG

Product Highlights

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)

Applications

- Power Supplies
- Appliances
- Gaming Machines
- Vending Machines
- Refrigerators
- Washing Machines
- Copy Machines

For additional Molex / Waldom Design and Solution kits please go to www.molexkits.com

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Bill of Materials for Part No. 76650-0019

Molex Part No.	Country of Origin	Description	Quantity in Kit
02-06-1103	USA	.062" Dia. Female Crimp Terminals, 24-18 AWG	100
02-06-2103	USA	.062" Dia. Male Crimp Terminals, 24-18 AWG	100
03-06-1011	USA	1-Circuit Free-hanging Nylon Connector Receptacle	15
03-06-1022	USA	2-Circuit Panel Mount Nylon Connector Receptacle	5
03-06-1038	USA	3-Circuit Panel Mount Nylon Connector Receptacle	5
03-06-1041	USA	4-Circuit Panel Mount Nylon Connector Receptacle	3
03-06-1055	USA	5-Circuit Panel Mount Nylon Connector Receptacle	4
03-06-1061	USA	6-Circuit Panel Mount Nylon Connector Receptacle	4
50-36-1871	USA	9-Circuit Panel Mount Nylon Connector Receptacle Prebent	3
03-06-1121	USA	12-Circuit Panel Mount Nylon Connector Receptacle	2
03-06-1361	USA	36-Circuit Panel Mount Nylon Connector Receptacle	1
03-06-2011	USA	1-Circuit Free-hanging Nylon Connector Plug	15
03-06-2024	USA	2-Circuit Panel Mount Nylon Connector Plug	5
03-06-2033	USA	3-Circuit Panel Mount Nylon Connector Plug	5
03-06-2041	Singapore	4-Circuit Panel Mount Nylon Connector Plug	3
03-06-2054	USA	5-Circuit Panel Mount Nylon Connector Plug	4
03-06-2062	USA	6-Circuit Panel Mount Nylon Connector Plug	4
03-06-2091	USA	9-Circuit Panel Mount Nylon Connector Plug	3
03-06-2121	USA	12-Circuit Panel Mount Nylon Connector Plug	2
03-06-2151	USA	15-Circuit Panel Mount Nylon Connector Plug	1
03-06-2361	USA	36-Circuit Panel Mount Nylon Connector Plug	1
03-06-6155	USA	15-Circuit Panel Mount Nylon Connector Receptacle	1
W-HT-1921^	Taiwan	Standard Crimping Tool, Crimps 24-14 AWG	1
W-HT-2023^	USA	Extraction Tool	1

^ = Tool Provided by Waldom

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Recommended Molex Tool(s) for Part No. 76650-0019*

Molex Part No.	Country of Origin	Description	
63811-1000 *	Sweden	Hand Crimp Tool	
11-03-0002 *	Sweden	Extraction Tool	
11-02-0001 *	Sweden	Insertion Tool	

*Tool(s) not included in kit. Tool(s) ordered separately.