



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## Datasheet for 76650-0019

### General Information

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

### Specifications

#### Design

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

**Datasheet for 76650-0019**

**Bill of Materials for Part No. 76650-0019**

<b>Molex Part No.</b>	<b>Country of Origin</b>	<b>Description</b>	<b>Quantity in Kit</b>
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

### Datasheet for 76650-0019

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

<b>Molex Part No.</b>	<b>Country of Origin</b>	<b>Description</b>	
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.