

Datasheet for 76650-0062

**General Information**

**Part Number:** 76650-0062  
**Manufacturer:** Molex / Waldom  
**Title:** .062" Power Connector Kit  
**Description:** Free Hanging Plug and Receptacle, 1 Circuit  
**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 ")  
**Connector Type:** Plug and Receptacle

**Mounting**

**Orientation:** Free-hanging  
**Circuit Sizes:** 1

**Current Rating:** 5 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

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**Bill of Materials for Part No. 76650-0062**

<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	7
02-06-2103	USA	.062" Dia. Crimp Type Male Pin Terminals, 24-18 AWG	7
03-06-1011	USA	1-Circuit Free-hanging Nylon Connector Receptacle	5
03-06-2011	USA	1-Circuit Free-hanging Nylon Connector Plug	5

**Recommended Molex Tool(s) for Part No. 76650-0062\***

<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

\*Tools not included in kit. Tools ordered separately.