

## Datasheet for 76650-0073

### General Information

<b>Part Number:</b>	76650-0073
<b>Manufacturer:</b>	Molex / Waldom
<b>Title:</b>	.062" Power Connector Kit
<b>Description:</b>	Panel Mount Plug and Receptacle, 36 Circuit
<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 ")
<b>Connector Type:</b>	Plug and Receptacle

#### Mounting

<b>Orientation:</b>	Panel Mount
<b>Circuit Sizes:</b>	36
<b>Current Rating:</b>	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

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#### Bill of Materials for Part No. 76650-0073

Molex Part No.	Country of Origin	Description	Quantity in Kit
02-06-1103	USA	.062" Dia. Female Crimp Terminals, 24-18 AWG	40
02-06-2103	USA	.062" Dia. Crimp Type Male Pin Terminals, 24-18 AWG	40
03-06-1361	USA	36-Circuit Panel Mount Nylon Connector Receptacle	1
03-06-2361	USA	36-Circuit Panel Mount Nylon Connector Plug	1

#### Recommended Molex Tool(s) for Part No. 76650-0073\*

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

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