

## Datasheet for 76650-0062

### General Information

|                           |  |
|---------------------------|--|
| <b>Part Number:</b>       | 76650-0062   |
| <b>Manufacturer:</b>      | Molex / Waldom   |
| <b>Title:</b>             | .062" Power Connector Kit  |
| <b>Description:</b>       | Free Hanging Plug and Receptacle, 1 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> | Free-hanging |
|---------------------|--------------|

|                        |        |
|------------------------|--------|
| <b>Circuit Sizes:</b>  | 1      |
| <b>Current Rating:</b> | 5 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 76650-0062

#### 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.

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