

## Datasheet for 76650-0071

### General Information

|                           |                                                                    |
|---------------------------|--------------------------------------------------------------------|
| <b>Part Number:</b>       | 76650-0071                                                         |
| <b>Manufacturer:</b>      | Molex / Waldom                                                     |
| <b>Title:</b>             | .062" Power Connector Kit                                          |
| <b>Description:</b>       | Panel Mount Plug and Receptacle, 24 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 |
| <b>Mounting</b>        |                     |
| <b>Orientation:</b>    | Panel Mount         |
| <b>Circuit Sizes:</b>  | 24                  |
| <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

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### Bill of Materials for Part No. 76650-0071

| Molex Part No. | Country<br>of Origin | Description                                         | Quantity in<br>Kit |
|----------------|----------------------|-----------------------------------------------------|--------------------|
| 02-06-1103     | USA                  | .062" Dia. Female Crimp Terminals, 24-18 AWG        | 27                 |
| 02-06-2103     | USA                  | .062" Dia. Crimp Type Male Pin Terminals, 24-18 AWG | 27                 |
| 03-06-1241     | USA                  | 24-Circuit Panel Mount Nylon Connector Receptacle   | 1                  |
| 03-06-2241     | USA                  | 24-Circuit Panel Mount Nylon Connector Plug         | 1                  |

### Recommended Molex Tool(s) for Part No. 76650-0071\*

| Molex Part No. | Country<br>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.