

## Datasheet for 76650-0059

### General Information

|                           |  |
|---------------------------|--|
| <b>Part Number:</b>       | 76650-0059   |
| <b>Manufacturer:</b>      | Molex / Waldom   |
| <b>Title:</b>             | .093" Power Connector Kit  |
| <b>Description:</b>       | Single Row Panel Mount Plug and Receptacle, 4 Circuit              |
| <b>Product Family:</b>    | Standard .093"   |
| <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>          | 5.03mm (.198 ")     |
| <b>Connector Type:</b> | Plug and Receptacle |

#### Mounting

|                        |             |
|------------------------|-------------|
| <b>Orientation:</b>    | Panel Mount |
| <b>Circuit Sizes:</b>  | 4           |
| <b>Current Rating:</b> | 5 Amps      |
| <b>Voltage:</b>        | 600 Volts   |
| <b>Wire size:</b>      | 22-18 AWG   |

### Product Highlights

The Standard .093" is a durable and economical power or signal connector, capable of carrying up to 12 amps per circuit. Tough Nylon housings and robust terminal design create a durable, long lasting product. The Standard .093" 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

### Applications

- Power Supplies
- Appliances
- Gaming Machines
- Vending Machines
- Refrigerators
- Washing Machines
- Copy Machines

**For additional Molex / Waldom Design and Solution kits please go to [www.molexkits.com](http://www.molexkits.com)**

## Datasheet for 76650-0059

### Bill of Materials for Part No. 76650-0059

| Molex Part No. | Country of Origin | Description   | Quantity in Kit |
|----------------|-------------------|---|-----------------|
| 02-09-1119     | USA               | .093" Dia. Crimp Female Socket Terminals, 22-18 AWG | 10              |
| 02-09-2118     | USA               | .093" Dia. Crimp Male Pin Terminals, 22-18 AWG      | 10              |
| 03-09-1041     | USA               | 4-Circuit Panel Mount Nylon Connector Receptacle    | 2               |
| 03-09-2041     | USA               | 4-Circuit Panel Mount Nylon Connector Plug          | 2               |

### Recommended Molex Tool(s) for Part No. 76650-0059\*

| Molex Part No. | Country of Origin | Description     |
|----------------|-------------------|-----------------|
| 63819-1200 *   | Sweden            | Hand Crimp Tool |
| 11-03-0006 *   | Sweden            | Extraction Tool |
| 11-02-0003 *   | Sweden            | Insertion Tool  |

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

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Molex:

76650-0059