

## Datasheet for 76650-0054

### General Information

<b>Part Number:</b>	76650-0054
<b>Manufacturer:</b>	Molex / Waldom
<b>Title:</b>	.093" Power Connector Kit
<b>Description:</b>	Panel Mount Plug and Receptacle, 6 Circuit
<b>Product Family:</b>	Standard .093"
<b>Certificates:</b>	(Molex parts within this kit) - EU and China RoHS Compliant, 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>	6
<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)**

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#### Bill of Materials for Part No. 76650-0054

<b>Molex Part No.</b>	<b>Country of Origin</b>	<b>Description</b>	<b>Quantity in Kit</b>
02-09-1119	USA	.093" Dia. Crimp Female Socket Terminals, 22-18 AWG	14
02-09-2118	USA	.093" Dia. Crimp Male Pin Terminals, 22-18 AWG	14
03-09-1061	USA	6-Circuit Panel Mount Nylon Connector Receptacle	2
03-09-2061	USA	6-Circuit Panel Mount Nylon Connector Plug	2

#### Recommended Molex Tool(s) for Part No. 76650-0054\*

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

\*Tool(s) not included in kit. Tool(s) ordered separately.