



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## 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.