

Datasheet for 76650-0018

General Information

Part Number:	76650-0018
Manufacturer:	Molex / Waldom
Title:	.093" Power Connector Kit
Description:	Panel Mount Plug and Receptacle, with Extraction Tool and Universal Crimp Tool
Product Family:	Standard .093"
Certificates:	(Molex parts within this kit) - EU and China RoHS, UL, CSA, TUV
Country of Origin:	Kit assembled in U.S.A.

Specifications

Design

Configuration: Wire to Wire and Panel Mount

Pitch: 5.03mm (.198 ")

Connector Type: Plug and Receptacle

Mounting

Orientation: Panel Mount and Free-hanging

Circuit Sizes: 1, 2, 3, 4, 5, 6, 9, 12 and 15

Current Rating: 5 to 10 Amps - Dependent on AWG and Circuit Size

Voltage: 250 or 600 Volts

Wire size: 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

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Bill of Materials for Part No. 76650-0018

Molex Part No.	Country of Origin	Description	Quantity in Kit
02-09-1119	USA	.093" Dia. Crimp Female Socket Terminals, 22-18 AWG	100
02-09-2118	USA	.093" Dia. Crimp Male Pin Terminals, 22-18 AWG	100
03-09-1011	USA	5.03mm (.198 ") Pitch 1-Circuit Free-hanging Connector Receptacle	25
03-09-1027	USA	5.03mm (.198 ") Pitch 2-Circuit Panel Mount Connector Receptacle	5
03-09-1041	USA	5.03mm (.198 ") Pitch 4-Circuit Panel Mount Connector Receptacle	4
03-09-1054	USA	5.03mm (.198 ") Pitch 5-Circuit Panel Mount Connector Receptacle	3
03-09-1061	USA	5.03mm (.198 ") Pitch 6-Circuit Panel Mount Connector Receptacle	1
03-09-1081	USA	5.03mm (.198 ") Pitch 3-Circuit Panel Mount Connector Receptacle	4
03-09-1091	USA	5.03mm (.198 ") Pitch 9-Circuit Panel Mount Connector Receptacle	1
03-09-1121	USA	5.03mm (.198 ") Pitch 12-Circuit Panel Mount Connector Receptacle	1
03-09-1151	USA	5.03mm (.198 ") Pitch 15-Circuit Panel Mount Connector Receptacle	1
03-09-2011	USA	5.03mm (.198 ") Pitch 1-Circuit Free-hanging Connector Plug	25
03-09-2021	USA	5.03mm (.198 ") Pitch 2-Circuit Panel Mount Connector Plug	5
03-09-2031	USA	5.03mm (.198 ") Pitch 3-Circuit Panel Mount Connector Plug	4
03-09-2041	USA	5.03mm (.198 ") Pitch 4-Circuit Panel Mount Connector Plug	4
03-09-2057	USA	5.03mm (.198 ") Pitch 5-Circuit Panel Mount Connector Plug	3
03-09-2061	USA	5.03mm (.198 ") Pitch 6-Circuit Panel Mount Connector Plug	1
03-09-2091	USA	5.03mm (.198 ") Pitch 9-Circuit Panel Mount Connector Plug	1
03-09-2122	USA	5.03mm (.198 ") Pitch 12-Circuit Panel Mount Connector Plug	1
03-09-2159	USA	5.03mm (.198 ") Pitch 15-Circuit Panel Mount Connector Plug	1
W-HT-1919^	Taiwan	Standard Crimping Tool, Crimps 24-14 AWG	1
W-HT-2054^	USA	Extraction Tool	1

^ = Tool Provided by Waldom

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Recommended Molex Tool(s) for Part No. 76650-0018*

Molex Part No.	Country of Origin	Description
83819-1200 *	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.