molexkits.com
the connector kit specialist

Datasheet for 76650-0012

General Information

Part Number:	76650-0012
Manufacturer:	Molex / Waldom
Title:	.062" Power Connector Kit
Description:	Panel Mount Plug and Receptacle, with Extraction and Premium Crimp Tool
Product Family:	Standard .062"
Certificates:	(Molex parts within this kit) - EU and China RoHS, UL, CSA and TUV
Country of Origin:	Kit assembled in U.S.A.

Specifications

Design Configuration:	Wire-to-Wire
Pitch:	3.68mm (.145 "), Except 36 circuit Receptacle is 4.19mm (.165")
Connector Type:	Plug and Receptacle
Circuit Sizes:	1, 2, 3, 4, 5, 6, 9, 12, 15 and 36
Current Rating:	5 Amps - Except 36 circuit is 4 Amps
Voltage:	250 Volts
Wire size:	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	Applications
• 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) • Polarized housing assures proper mating	• 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

molexkits.com
the connector kit specialist

Datasheet for 76650-0012

Bill of Materials for Part No. 76650-0012

Molex Part No.	Country of Origin	Description	Quantity in Kit
02-06-1103-C	USA	.062" Dia. Female Crimp Terminals 24-18 AWG	100
02-06-2103-C	USA	.062" Dia. Male Crimp Terminals 24-18 AWG	100
03-06-1011	USA	3.68mm (.145 ") Pitch 1-Circuit Free-hanging Pin and Socket Receptacle	15
03-06-1022	USA	3.68mm (.145 ") Pitch 2-Circuit Panel Mount Pin and Socket Receptacle	5
03-06-1038	USA	3.68mm (.145 ") Pitch 3-Circuit Panel Mount Pin and Socket Receptacle	5
03-06-1041	USA	3.68mm (.145 ") Pitch 4-Circuit Panel Mount Pin and Socket Receptacle	3
03-06-1055	USA	3.68mm (.145 ") Pitch 5-Circuit Panel Mount Pin and Socket Receptacle	4
03-06-1061	USA	3.68mm (.145 ") Pitch 6-Circuit Panel Mount Pin and Socket Receptacle	4
03-06-1091	USA	3.68mm (.145 ") Pitch 9-Circuit Panel Mount Pin and Socket Receptacle	3
03-06-1121	USA	3.68mm (.145 ") Pitch 12-Circuit Panel Mount Pin and Socket Receptacle	2
03-06-6155	USA	3.68mm (.145 ") Pitch 15-Circuit Panel Mount Pin and Socket Receptacle	1
03-06-1361	USA	4.19mm (.165") Pitch 36-Circuit Panel Mount Pin and Socket Receptacle	1
03-06-2011	USA	3.68mm (.145 ") Pitch 1-Circuit Free-hanging Pin and Socket Plug	15
03-06-2024	USA	3.68mm (.145 ") Pitch 2-Circuit Panel Mount Pin and Socket Plug	5
03-06-2033	USA	3.68mm (.145 ") Pitch 3-Circuit Panel Mount Pin and Socket Plug	5
03-06-2041	Singapore	3.68mm (.145 ") Pitch 4-Circuit Panel Mount Pin and Socket Plug	3
03-06-2054	USA	3.68mm (.145 ") Pitch 5-Circuit Panel Mount Pin and Socket Plug	4
03-06-2062	USA	3.68mm (.145 ") Pitch 6-Circuit Panel Mount Pin and Socket Plug	4
03-06-2091	USA	3.68mm (.145 ") Pitch 9-Circuit Panel Mount Pin and Socket Plug	3
03-06-2121	USA	3.68mm (.145 ") Pitch 12-Circuit Panel Mount Pin and Socket Plug	2
03-06-2151	USA	3.68mm (.145 ") Pitch 15-Circuit Panel Mount Pin and Socket Plug	1

For additional Molex / Waldom Design and Solution kits please go to www.molexkits.com

Datasheet for 76650-0012

Bill of Materials for Part No. 76650-0012 Continued

Molex Part No.	Country of Origin	Description	Quantity in Kit
03-06-2361	USA	4.19mm (.165") Pitch 36-Circuit Panel Mount Pin and Socket Plug	1
63811-1000	USA	Premium Crimping Tool, Crimps 24-14 AWG	1
W-HT-2023^	USA	Extraction Tool	1

^ =Tool Provided by Waldom

Recommended Molex Tool(s) for Part No. 76650-0012*

Molex Part No.	Country of Origin	Description
63811-1000	Sweden	Hand Crimp Tool
11-03-0002 *	Sweden	Extraction Tool
11-02-0001 *	Sweden	Insertion Tool

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

For additional Molex / Waldom Design and Solution kits please go to www.molexkits.com