

Datasheet for 76650-0014

General Information				
Part Number:	76650-0014			
Manufacturer:	Molex / Waldom			
Title:	Mini-Fit Jr. Power Connector Kit			
Description:	Panel Mount Plug and Receptacle			
Product Family:	Mini-Fit Jr.™			
Certificates:	(Molex parts within this kit) EU and China RoHS Compliant, UL, CSA and TUV			
Country of Origin:	Kit assembled in U.S.A.			

Specifications

Wire-to-Wire
4.20mm (.165")
Plug and Receptacle
Panel Mount and Free Hanging
2, 3, 4, 6, 8, 10, 12, 14, 16, 18 and 20
(3 - 9) Amps dependent on AWG and circuit size
600 Volts
24-18 AWG

Product Highlights

The Mini-Fit Jr. Series is designed for high current/high density applications. The Mini-Fit Jr. is appropriate for both power and signal applications as it can carry currents of up to 9 amps per circuit. The Mini-Fit product family accepts the same terminals and application tooling, further reducing your design and qualification effort.

Features and Benefits	Applications
 Fully isolated terminals Positive housing locks Four point of contact for reliability Low engagement force terminals 	 Security and Alarms Vending and Gaming Machines White Goods Production Equipment Broadcast Equipment Telecom Infrastructure



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Bill of Materials for Part No. 76650-0014

Molex Part No.	Country of Origin	Description	Quantity in Kit
39-00-0039	USA	Crimp Type Female Socket Terminals, 24-18 AWG	100
39-00-0041	USA	Crimp Type Male Pin Terminals, 24-18 AWG	100
39-01-2020	USA	2 Circuit Free Hanging Receptacle, 4.20mm/.165" Pitch	5
39-01-2040	USA	4 Circuit Free Hanging Receptacle, 4.20mm/.165" Pitch	5
39-01-2060	USA	6 Circuit Free Hanging Receptacle, 4.20mm/.165" Pitch	5
39-01-2080	USA	8 Circuit Free Hanging Receptacle, 4.20mm/.165" Pitch	5
39-01-2100	USA	10 Circuit Free Hanging Receptacle, 4.20mm/.165" Pitch	5
39-01-2120	USA	12 Circuit Free Hanging Receptacle, 4.20mm/.165" Pitch	4
39-01-2140	USA	14 Circuit Free Hanging Receptacle, 4.20mm/.165" Pitch	3
39-01-2160	China	16 Circuit Free Hanging Receptacle, 4.20mm/.165" Pitch	3
39-01-2180	USA	18 Circuit Free Hanging Receptacle, 4.20mm/.165" Pitch	3
39-01-2200	USA	20 Circuit Free Hanging Receptacle, 4.20mm/.165" Pitch	3
39-01-2021	USA	2 Circuit Panel Mount Plugs, 4.20mm/.165" Pitch	5
39-01-2041	USA	4 Circuit Panel Mount Plugs, 4.20mm/.165" Pitch	5
39-01-2061	USA	6 Circuit Panel Mount Plugs, 4.20mm/.165" Pitch	5
39-01-2081	Japan	8 Circuit Panel Mount Plugs, 4.20mm/.165" Pitch	5
39-01-2101	USA	10 Circuit Panel Mount Plugs, 4.20mm/.165" Pitch	5
39-01-2121	USA	12 Circuit Panel Mount Plugs, 4.20mm/.165" Pitch	4
39-01-2141	USA	14 Circuit Panel Mount Plugs, 4.20mm/.165" Pitch	3
39-01-2161	Korea	16 Circuit Panel Mount Plugs, 4.20mm/.165" Pitch	3
39-01-2181	USA	18 Circuit Panel Mount Plugs, 4.20mm/.165" Pitch	3
39-01-2201	USA	20 Circuit Panel Mount Plugs, 4.20mm/.165" Pitch	3

Recommended Molex Tool(s) for Part No. 76650-0014*

Country Molex Part No. of Origin			Description	
63819-0900 *	Sweden	Hand Crimp Tool		
11-03-0044 *	Sweden	Extraction Tool		

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