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## Datasheet for 76650-0016

**General Information** 

Kit Part Number: 76650-0016

Connector Type: Wire-to-Board

Solution: Power Connectors

Molex Family: Mini-Fit Jr.™

Certificates: N/A

Country of Origin: Kit assembled in U.S.A

**Specifications** 

**Circuit Size:** 10, 12, 14, 16, 18, 2, 20, 3, 4, 6, 8

Current Rating: 3-9A

Mounting Style: Free-Hanging, PCB Through Hole

Orientation: Receptacles, Right Angle Headers

**Pitch:** 4.20mm (.165")

Tool Included: No
Voltage Rating: 600V
Wire Gauge (AWG): 24-18

#### **Product Hightlights**

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

- Fully isolated terminals
- Positive housing locks
- · Four point of contact for reliability
- Low engagement force terminals

### Applications

- Security and Alarms
- Vending and Gaming Machines
- White Goods
- Production Equipment
- Broadcast Equipment
- Telecom Infrastructure



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Bill of Materials		
Molex Part No.	Description	Quantity
39-00-0039	Crimp Type Female Socket Terminal, 24-18 AWG	100
39-01-2040	4.20mm (.165") Pitch, 4 Circuit, Free-Hanging Receptacle	
39-01-2060	4.20mm (.165") Pitch, 6 Circuit, Free-Hanging Receptacle	5
39-01-2080	4.20mm (.165") Pitch, 8 Circuit, Free-Hanging Receptacle	5
39-01-2100	4.20mm (.165") Pitch, 10 Circuit, Free-Hanging Receptacle	5
39-01-2120	4.20mm (.165") Pitch 12 Circuit Free Hanging Receptacle	4
39-01-2140	4.20mm (.165") Pitch, 14 Circuit, Free-Hanging Receptacle	3
39-01-2160	4.20mm (.165") Pitch, 16 Circuit, Free-Hanging Receptacle	3
39-01-2180	4.20mm (.165") Pitch, 18 Circuit, Free Hanging Receptacle	3
39-01-2200	4.20mm (.165") Pitch, 20 Circuit, Free-Hanging Receptacle	3
39-29-1048	4 Circuit, Dual Row, Right Angle Header with Flanges, 4.20mm (.165") Pitch	5
39-29-1068	6 Circuit, Dual Row, Right Angle Header with Flanges, 4.20mm (.165") Pitch	5
39-29-1088	8 Circuit, Dual Row, Right Angle Header with Flanges, 4.20mm (.165") Pitch	5
39-29-1108	10 Circuit, Dual Row, Right Angle Header with Flanges, 4.20mm (.165") Pitch	5
39-29-1128	4.20mm (.165") Pitch, 12 Circuit Dual Row, Right Angle Header	4
39-29-1148	4.20mm (.165") Pitch, 14 Circuit, Dual Row, Right Angle Header	3
39-29-1168	4.20mm (.165") Pitch, 16 Circuit, Dual Row, Right Angle Header	3
39-29-1188	4.20mm (.165") Pitch, 18 Circuit, Dual Row, Right Angle Header	3
39-29-1208	4.20mm (.165") Pitch, 20 Circuit, Dual Row, Right Angle Header	3
39-29-1028	2 Circuit, Dual Row, Right Angle Header with Flanges, 4.20mm (.165") Pitch	5

Recommended Molex Tool			
Molex Part No.	Descripition		
63819-0900 (not included in kit)	Click for more info		
11-03-0044 (not included in kit)	Click for more info		