

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 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

- 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

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	5
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.	Description
63819-0900 (not included in kit)	Click for more info
11-03-0044 (not included in kit)	Click for more info