

## Datasheet for 76650-0015

### General Information

<b>Kit Part Number:</b>	76650-0015
<b>Connector Type:</b>	Wire-to-Board
<b>Solution:</b>	Power Connectors
<b>Molex Family:</b>	Mini-Fit Jr.™
<b>Certificates:</b>	N/A
<b>Country of Origin:</b>	Kit assembled in U.S.A

### Specifications

<b>Circuit Size:</b>	10, 12, 14, 16, 18, 2, 20, 3, 4, 6, 8
<b>Current Rating:</b>	3-9A
<b>Mounting Style:</b>	Free-Hanging, PCB Through Hole
<b>Orientation:</b>	Receptacle, Vertical Headers
<b>Pitch:</b>	4.20mm (.165")
<b>Tool Included:</b>	No
<b>Voltage Rating:</b>	600V
<b>Wire Gauge (AWG):</b>	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
39-01-2020	4.20mm (.165") Pitch, 2 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
39-28-1023	2 Circuit, Dual Row, Vertical Header without Pegs	5
39-28-1043	4 Circuit, Dual Row, Vertical Header without Pegs	5
39-28-1063	6 Circuit, Dual Row, Vertical Header without Pegs	5
39-28-1083	8 Circuit, Dual Row, Vertical Header without Pegs	5
39-28-1103	10 Circuit, Dual Row, Vertical Header without Pegs	5
39-28-1123	12 Circuit, Dual Row, Vertical Header without Pegs	4
39-28-1143	14 Circuit, Dual Row, Vertical Header without Pegs	3
39-28-1163	4.20mm (.165") Pitch, 16 Circuit, Dual Row, Vertical Header	3
39-28-1183	4.20mm (.165") Pitch, 18 Circuit, Dual Row, Vertical Header	3
39-28-1203	4.20mm (.165") Pitch, 20 Circuit, Dual Row, Vertical Header	3
39-01-2040	4.20mm (.165") Pitch, 4 Circuit, Free-Hanging Receptacle	5

## Recommended Molex Tool

Molex Part No.	Description
63819-0900 (not included in kit)	<a href="#">Click for more info</a>
11-03-0044 (not included in kit)	<a href="#">Click for more info</a>