

## Datasheet for 76650-0086

### General Information

<b>Kit Part Number:</b>	76650-0086
<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
<b>Current Rating:</b>	6A
<b>Mounting Style:</b>	PCB Through Hole
<b>Orientation:</b>	Receptacles, 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

<http://www.molexkits.com>

**Bill of Materials**

<b>Molex Part No.</b>	<b>Description</b>	<b>Quantity</b>
39-00-0039	Crimp Type Female Socket Terminal, 24-18 AWG	10
39-01-2100	4.20mm (.165") Pitch, 10 Circuit, Free-Hanging Receptacle	1
39-28-1103	10 Circuit, Dual Row, Vertical Header without Pegs	1

**Recommended Molex Tool**

<b>Molex Part No.</b>	<b>Description</b>
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>