

Datasheet for 76650-0079

General Information

| | |
|---------------------------|------------------------|
| Kit Part Number: | 76650-0079 |
| Connector Type: | Wire-to-Wire |
| Solution: | Power Connectors |
| Molex Family: | Mini-Fit Jr.™ |
| Certificates: | N/A |
| Country of Origin: | Kit assembled in U.S.A |

Specifications

| | |
|--------------------------|---------------------------|
| Circuit Size: | 12 |
| Current Rating: | 6A |
| Mounting Style: | Free-Hanging, Panel Mount |
| Orientation: | Plugs, Receptacles |
| 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

<http://www.molexkits.com>

Bill of Materials

| Molex Part No. | Description | Quantity |
|-----------------------|---|-----------------|
| 39-00-0039 | Crimp Type Female Socket Terminal, 24-18 AWG | 12 |
| 39-00-0041 | 1.57mm (.062") Diameter Crimp Type Male Pin Terminal, 24-18 AWG | 12 |
| 39-01-2120 | 4.20mm (.165") Pitch, 12 Circuit, Free-Hanging Receptacle | 1 |
| 39-01-2121 | 4.20mm (.165") Pitch, 12 Circuit, Panel Mount Plug | 1 |

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 |