Datasheet for 76650-0074

General Information

Part Number: 76650-0074
Manufacturer: Molex / Waldom
Title: Mini-Fit Jr. Connector Kit
Description: Plug and Receptacle, 2 Circuit
Product Family: Mini-Fit Jr.™
Certificates: (Molex parts within this kit) - EU and China RoHS Compliant, UL, CSA and TUV
Country of Origin: Kit assembled in U.S.A.

Specifications

Design
Configuration: Wire-to-Wire
Pitch: 4.2mm (.165”)
Connector Type: Plug and Receptacle
Mounting
Orientation: Panel Mount
Circuit Sizes: 2
Current Rating: 6 Amps
Voltage: 600 Volts
Wire size: 24-18 AWG

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

For additional Molex / Waldom Design and Solution kits please go to www.molexkits.com
### Datasheet for 76650-0074

#### Bill of Materials for Part No. 76650-0074

<table>
<thead>
<tr>
<th>Molex Part No.</th>
<th>Country of Origin</th>
<th>Description</th>
<th>Quantity in Kit</th>
</tr>
</thead>
<tbody>
<tr>
<td>39-00-0039</td>
<td>USA</td>
<td>Crimp Type Female Socket Terminals, 24-18 AWG</td>
<td>2</td>
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<tr>
<td>39-00-0041</td>
<td>USA</td>
<td>Crimp Type Male Pin Terminals, 24-18 AWG</td>
<td>2</td>
</tr>
<tr>
<td>39-01-2020</td>
<td>USA</td>
<td>2 Circuit Free Hanging Receptacle, 4.20mm (.165”) Pitch</td>
<td>1</td>
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<tr>
<td>39-01-2021</td>
<td>USA</td>
<td>2 Circuit Panel Mount Plugs, 4.20mm (.165”) Pitch</td>
<td>1</td>
</tr>
</tbody>
</table>

#### Recommended Molex Tool(s) for Part No. 76650-0074*

<table>
<thead>
<tr>
<th>Molex Part No.</th>
<th>Country of Origin</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>63819-0900</td>
<td>Sweden</td>
<td>Hand Crimp Tool</td>
</tr>
<tr>
<td>11-03-0044</td>
<td>Sweden</td>
<td>Extraction Tool</td>
</tr>
</tbody>
</table>

*Tools not included in kit. Tools ordered separately.

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