1801 Morgan Street Rockford, Illinois 61102 800-435-2931 www.molexkits.com



Datasheet for 76650-0077

General Information

Part Number: 76650-0077

Manufacturer: Molex / Waldom

Title: Mini-Fit Jr. Connector Kit

Description: Plug and Receptacle, 8 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: 8

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. 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



Datasheet for 76650-0077

| Bill of Materials for Part No. 76650-0077 | | | | |
|---|-------------------|---|--------------------|--|
| Molex Part No. | Country of Origin | Description | Quantity in Kit | |
| 39-00-0039 | USA | Crimp Type Female Socket Terminals, 24-18 AWG | 8 | |
| 39-00-0041 | USA | Crimp Type Male Pin Terminals, 24-18 AWG | 8 | |
| 39-01-2080 | USA | 8 Circuit Free Hanging Receptacle, 4.20mm (.165") Pitch | 1 | |
| 39-01-2081 | USA | 8 Circuit Panel Mount Plugs, 4.20mm (.165") Pitch | 1 | |

Recommended Molex Tool(s) for Part No. 76650-0077*

Country

| Molex Part No. | of Origin | Description |
|----------------|-----------|-----------------|
| 63819-0900 * | Sweden | Hand Crimp Tool |
| 11-03-0044 * | Sweden | Extraction Tool |

^{*}Tools not included in kit. Tools ordered separately.