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



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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

Sweden | Extraction Tool

11-03-0044 *

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