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

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the connector kit specialist

Datasheet for 76650-0076

General Information

Part Number:	76650-0076
Manufacturer:	Molex / Waldom
Title:	Mini-Fit Jr. Connector Kit
Description:	Plug and Receptacle, 6 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:	6
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. 76650-0076

Molex Part No.	Country of Origin	Description	Quantity in Kit
39-00-0039	USA	Crimp Type Female Socket Terminals, 24-18 AWG	6
39-00-0041	USA	Crimp Type Male Pin Terminals, 24-18 AWG	6
39-01-2060	USA	6 Circuit Free Hanging Receptacle, 4.20mm (.165") Pitch	1
39-01-2061	USA	6 Circuit Panel Mount Plugs, 4.20mm (.165") Pitch	1

Recommended Molex Tool(s) for Part No. 76650-0076*

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

*Tools not included in kit. Tools ordered separately.