

# Datasheet for 76650-0075

General Information				
Part Number:	76650-0075			
Manufacturer:	Molex / Waldom			
Title:	Mini-Fit Jr. Connector Kit			
Description:	Plug and Receptacle, 4 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:	4
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	Applications
<ul> <li>Fully isolated terminals</li> <li>Positive housing locks</li> <li>Four point of contact for reliability</li> <li>Low engagement force terminals</li> </ul>	<ul> <li>Security and Alarms</li> <li>Vending and Gaming Machines</li> <li>White Goods</li> <li>Production Equipment</li> <li>Broadcast Equipment</li> <li>Telecom Infrastructure</li> </ul>



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### Bill of Materials for Part No. 76650-0075

Molex Part No.	Country of Origin	Description	Quantity in Kit
39-00-0039	USA	Crimp Type Female Socket Terminals, 24-18 AWG	4
39-00-0041	USA	Crimp Type Male Pin Terminals, 24-18 AWG	4
39-01-2040	USA	4 Circuit Free Hanging Receptacle, 4.20mm (.165") Pitch	1
39-01-2041	USA	4 Circuit Panel Mount Plugs, 4.20mm (.165") Pitch	1

### Recommended Molex Tool(s) for Part No. 76650-0075\*

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.