

Datasheet for 76650-0078

General Information

Kit Part Number:	76650-0078
Connector Type:	Wire-to-Wire
Solution:	Power Connectors
Molex Family:	Mini-Fit Jr.™
Certificates:	N/A
Country of Origin:	Kit assembled in U.S.A

Specifications

Circuit Size:	10
Current Rating:	6A
Mounting Style:	Free-Hanging, Panel Mount
Orientation:	Plugs, Receptacles
Pitch:	4.20mm (.165")
Tool Included:	No
Voltage Rating:	600V
Wire Gauge (AWG):	24-18

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

<http://www.molexkits.com>

Bill of Materials

Molex Part No.	Description	Quantity
39-00-0039	Crimp Type Female Socket Terminal, 24-18 AWG	10
39-00-0041	1.57mm (.062") Diameter Crimp Type Male Pin Terminal, 24-18 AWG	10
39-01-2101	4.20mm (.165") Pitch, 10 Circuit, Panel Mount Plug	1
39-01-2100	4.20mm (.165") Pitch, 10 Circuit, Free-Hanging Receptacle	1

Recommended Molex Tool

Molex Part No.	Description
63819-0900 (not included in kit)	Click for more info
11-03-0044 (not included in kit)	Click for more info