

Datasheet for 76650-0078

General Information

Part Number: 76650-0078
Manufacturer: Molex / Waldom
Title: Mini-Fit Jr. Connector Kit
Description: Plug and Receptacle, 10 Circuit
Product Family: Mini-Fit Jr.™
Certificates: (Molex parts within this kit) - EU RoHS, China RoHS, 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: 10
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. 76650-0078

| Molex Part No. | Country of Origin | Description | Quantity in Kit |
|-----------------------|--------------------------|--|------------------------|
| 39-00-0039 | USA | Crimp Type Female Socket Terminals, 24-18 AWG | 10 |
| 39-00-0041 | USA | Crimp Type Male Pin Terminals, 24-18 AWG | 10 |
| 39-01-2100 | USA | 10 Circuit Free Hanging Receptacle, 4.20mm (.165") Pitch | 1 |
| 39-01-2101 | USA | 10 Circuit Panel Mount Plugs, 4.20mm (.165") Pitch | 1 |

Recommended Molex Tool(s) for Part No. 76650-0078*

| 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.