

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

Datasheet for 76650-0078

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.