

Datasheet for 76650-0088

General Information

Part Number: 76650-0088
Manufacturer: Molex / Waldom
Title: Mini-Fit Jr. Connector Kit
Description: Vertical Header and Receptacle, 14 Circuit
Product Family: Mini-Fit Jr.™
Certificates: (Molex parts within this kit) - EU and China RoHS, UL, CSA and TÜV
Country of Origin: Kit assembled in U.S.A.

Specifications

Design Configuration: Wire-to-Board
Pitch: 4.2mm (.165")
Connector Type: Receptacles and Vertical Headers

Mounting Orientation: Vertical
Circuit Sizes: 14
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 style="list-style-type: none">• Fully isolated terminals• Positive housing locks• Four point of contact for reliability• Low engagement force terminals | <ul style="list-style-type: none">• 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. 76650-0088

| Molex Part No. | Country of Origin | Description | Quantity in Kit |
|-----------------------|--------------------------|--|------------------------|
| 39-00-0039 | USA | Crimp Type Female Socket Terminals, 24-18 AWG | 14 |
| 39-01-2140 | USA | 14 Circuit Free Hanging Receptacle, 4.20mm (.165") Pitch | 1 |
| 39-28-1143 | Mexico | 14 Circuit Dual Row Vertical Header without Pegs | 1 |

Recommended Molex Tool(s) for Part No. 76650-0088*

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

*Tool(s) not included in kit. Tool(s) ordered separately.