

Datasheet for 76650-0086

General Information

Part Number: 76650-0086
Manufacturer: Molex / Waldom
Title: Mini-Fit Jr. Connector Kit
Description: Vertical Header and Receptacle, 10 Circuit
Product Family: Mini-Fit Jr.™
Certificates: (Molex parts within this kit) - EU and China RoHS, UL, CSA and TUV
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: 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	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. 76650-0086

Molex Part No.	Country of Origin	Description	Quantity in Kit
39-00-0039	USA	Crimp Type Female Socket Terminals, 24-18 AWG	10
39-01-2100	USA	10 Circuit Free Hanging Receptacle, 4.20mm (.165") Pitch	1
39-28-1103	Mexico	10 Circuit Dual Row Vertical Header without Pegs	1

Recommended Molex Tool(s) for Part No. 76650-0086*

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.