1801 Morgan Street Rockford, Illinois 61102 800-435-2931 www.molexkits.com



Datasheet for 76650-0007

General Information

Part Number: 76650-0007

Manufacturer: Molex / Waldom

Title: KK-100 Connector Kit

Vertical and Right Angle Header and Receptacle, with Extraction and Universal

Description: Crimp Tool

Product Family: KK™

Certificates: (Molex parts within this kit) EU RoHS, China RoHS, UL Recognized, CSA

Country of Origin: Kit assembled in U.S.A.

Specifications

Design

Configuration: Wire-to-Board **Pitch:** 2.54mm (.100")

Connector Type: Receptacle and Header

Mounting

Orientation: Vertical and Right Angle

Circuit Sizes: 2, 4, 6, 8 and 10

Current Rating: 2.5 Amps
Voltage: 250 Volts
Wire size: 30-22 AWG

Product Highlights

The KK system of "building block" connectors can be used to create thousands of different configurations, allowing each user to build a system that is precisely suited to their application. KK has become known as a versatile interconnecting system developed to meet the challenge of modularization.

Features and Benefits

- Standard cantilever terminals
- Cantilever design provides high contact pressure
- Wiping action cleans oxides when connector is mated
- Locking ramps for improved retention

Applications

- Vending and Gaming Machines
- Production Equipment
- Industrial Instruments
- Energy and Power



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Bill of Materials for Part No. 76650-0007 Quantity in Country Molex Part No. of Origin Description Kit 08-50-0114 USA KK Crimp Terminals, 22-30 AWG 100 15-38-1024 USA 2 Circuit Shunt/Jumper Terminal Housings 10 12 22-01-2021 USA 2 Circuit Crimp Type Female Terminal Housings USA 22-01-2041 4 Circuit Crimp Type Female Terminal Housings 6 22-01-2061 USA 6 Circuit Crimp Type Female Terminal Housings 6 22-01-2081 USA 6 8 Circuit Crimp Type Female Terminal Housings USA 6 22-01-2101 10 Circuit Crimp Type Female Terminal Housings 22-03-2021 Mexico 2 Circuit Vertical Wire-to-Board Headers 6 3 22-03-2041 Mexico 4 Circuit Vertical Wire-to-Board Headers 22-03-2061 Mexico 6 Circuit Vertical Wire-to-Board Headers 3 22-03-2081 Mexico 8 Circuit Vertical Wire-to-Board Headers 3 3 22-03-2101 Mexico 10 Circuit Vertical Wire-to-Board Headers 22-05-2021 Mexico 6 2 Circuit Right Angle Wire-to-Board Headers 22-05-2041 Mexico 4 Circuit Right Angle Wire-to-Board Headers 3 3 22-05-2061 Mexico 6 Circuit Right Angle Wire-to-Board Headers 22-05-2081 Mexico 8 Circuit Right Angle Wire-to-Board Headers 3 3 22-05-2101 Mexico 10 Circuit Right Angle Wire-to-Board Headers USA W-HT-1884^ **Extraction Tool** 1 W-HT-1921^ Taiwan Universal Crimping Tool 1

^ = Tool Provided by Waldom

Recommended Molex Tool(s) for Part No. 76650-0007*

Country

| Molex Part No. | of Origin | Description |
|----------------|-----------|-----------------|
| 63811-8200 * | Sweden | Hand Crimp Tool |
| 11-03-0022 * | Sweden | Extraction Tool |
| 63812-0000 * | Sweden | Insertion Tool |

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