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



# Datasheet for 76650-0009

#### **General Information**

**Part Number:** 76650-0009

Manufacturer: Molex / Waldom

Title: KK-100 Connector Kit

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

**Description:** Crimp Tool

**Product Family:** KK™

Certificates: (Molex parts within this kit) - EU and China RoHS, UL and 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



## Datasheet for 76650-0009

#### Bill of Materials for Part No. 76650-0009 Quantity in Country Molex Part No. of Origin Description Kit 08-50-0114-C USA KK<sup>™</sup> 100 Female Crimp Terminals, 22-30 AWG 100 15-38-1024 USA 2.54mm (.100") Pitch KK™ 100 Shunt/Jumper 2 Circuit 10 USA 12 22-01-2021 2.54mm (.100") Pitch KK™ 100 Receptacles 2 Circuit 2.54mm (.100") Pitch KK™ 100 Receptacles 4 Circuit 22-01-2041 USA 6 22-01-2061 USA 2.54mm (.100") Pitch KK™ 100 Receptacles 6 Circuit 6 22-01-2081 **USA** 2.54mm (.100") Pitch KK™ 100 Receptacles 8 Circuit 6 **USA** 6 22-01-2101 2.54mm (.100") Pitch KK™ 100 Receptacles 10 Circuit 2.54mm (.100") Pitch KK™ 100 Vertical Headers 2 Circuit 6 22-03-2021 Mexico Mexico 2.54mm (.100") Pitch KK™ 100 Vertical Headers 4 Circuit 3 22-03-2041 22-03-2061 Mexico 2.54mm (.100") Pitch KK™ 100 Vertical Headers 6 Circuit 3 22-03-2081 Mexico 2.54mm (.100") Pitch KK™ 100 Vertical Headers 8 Circuit 3 Mexico 2.54mm (.100") Pitch KK™ 100 Vertical Headers 10 Circuit 3 22-03-2101 2.54mm (.100") Pitch KK™ 100 Right Angle Headers 2 22-05-2021 Mexico Circuit 6 2.54mm (.100") Pitch KK™ 100 Right Angle Headers 4 3 22-05-2041 Mexico Circuit 2.54mm (.100") Pitch KK™ 100 Right Angle Headers 6 22-05-2061 Mexico 3 Circuit 2.54mm (.100") Pitch KK™ 100 Right Angle Headers 8 22-05-2081 Mexico 3 2.54mm (.100") Pitch KK™ 100 Right Angle Headers 10 3 22-05-2101 Mexico Circuit W-HT-1884 **USA Extraction Tool** 1 63811-1000 USA Premium Crimping Tool 1

#### Recommended Molex Tool(s) for Part No. 76650-0009\*

#### Country

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

<sup>\*</sup>Tool(s) not included in kit. Tool(s) ordered separately.