



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Datasheet for 76650-0009

General Information

Part Number:	76650-0009
Manufacturer:	Molex / Waldom
Title:	KK-100 Connector Kit
Description:	Vertical and Right Angle Header and Receptacle, with Extraction and Premium 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

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

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

Molex Part No.	Country 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.