

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

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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.