

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