



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 76650-0007

General Information

Part Number:	76650-0007
Manufacturer:	Molex / Waldom
Title:	KK-100 Connector Kit
Description:	Vertical and Right Angle Header and Receptacle, with Extraction and Universal 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

Datasheet for 76650-0007

Bill of Materials for Part No. 76650-0007

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

^ = Tool Provided by Waldom

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

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.