



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 76650-0010

General Information

Part Number:	76650-0010
Manufacturer:	Molex / Waldom
Title:	KK-156 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:	3.96mm (.156")
Connector Type:	Receptacle and Header
Mounting	
Orientation:	Vertical and Right Angle
Circuit Sizes:	2, 3, 4, 5, 6 and 10
Current Rating:	(4.75 - 5) Amps Dependant on AWG
Voltage:	250 Volts
Wire size:	20-18 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

Applications

- Vending and Gaming Machines
- Production Equipment
- Industrial Instruments
- Energy and Power

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Bill of Materials for Part No. 76650-0010

Molex Part No.	Country of Origin	Description	Quantity in Kit
08-50-0106	USA	KK™156 Crimp Terminals 20-18 AWG Tin	100
09-50-7021	USA	3.96mm (.156") Pitch 2 Circuit KK™ Receptacle	14
09-50-7031	USA	3.96mm (.156") Pitch 3 Circuit KK™ Receptacle	8
09-50-7041	USA	3.96mm (.156") Pitch 4 Circuit KK™ Receptacle	8
09-50-7051	USA	3.96mm (.156") Pitch 5 Circuit KK™ Receptacle	6
09-50-7061	USA	3.96mm (.156") Pitch 6 Circuit KK™ Receptacle	6
09-50-7101	USA	3.96mm (.156") Pitch 10 Circuit KK™ Receptacle	8
26-48-1021	Mexico	3.96mm (.156") Pitch 2 Circuit Vertical Breakaway Headers	7
26-48-1022	Mexico	3.96mm (.156") Pitch 2 Circuit KK™ Right Angle Breakaway Headers	7
26-48-1031	Mexico	3.96mm (.156") Pitch 3 Circuit KK™ Vertical Breakaway Headers	4
26-48-1032	Mexico	3.96mm (.156") Pitch 3 Circuit KK™ Right Angle Breakaway Headers	4
26-48-1041	Mexico	3.96mm (.156") Pitch 4 Circuit KK™ Vertical Breakaway Headers	4
26-48-1042	Mexico	3.96mm (.156") Pitch 4 Circuit KK™ Right Angle Breakaway Headers	4
26-48-1051	Mexico	3.96mm (.156") Pitch 5 Circuit KK™ Vertical Breakaway Headers	3
26-48-1052	Mexico	3.96mm (.156") Pitch 5 Circuit KK™ Right Angle Breakaway Headers	3
26-48-1061	Mexico	3.96mm (.156") Pitch 6 Circuit KK™ Vertical Breakaway Headers	3
26-48-1062	Mexico	3.96mm (.156") Pitch 6 Circuit KK™ Right Angle Breakaway Headers	3
26-48-1101	Mexico	3.96mm (.156") Pitch 10 Circuit KK™ Vertical Breakaway Headers	3
26-48-1102	Mexico	3.96mm (.156") Pitch 10 Circuit KK™ Right Angle Breakaway Headers	3
W-HT-1884^	USA	Extraction Tool	1
63811-1000	USA	Premium Crimping Tool	1

^ = Tool Provided by Waldom

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Recommended Molex Tool(s) for Part No. 76650-0010*

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.