

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.