

## Datasheet for 76650-0010

### General Information

<b>Part Number:</b>	76650-0010
<b>Manufacturer:</b>	Molex / Waldom
<b>Title:</b>	KK-156 Connector Kit
<b>Description:</b>	Vertical and Right Angle Header and Receptacle, with Extraction and Premium Crimp Tool
<b>Product Family:</b>	KK™
<b>Certificates:</b>	(Molex parts within this kit) - EU and China RoHS, UL and CSA
<b>Country of Origin:</b>	Kit assembled in U.S.A.

### Specifications

#### Design

<b>Configuration:</b>	Wire-to-Board
<b>Pitch:</b>	3.96mm (.156")
<b>Connector Type:</b>	Receptacle and Header
<b>Mounting</b>	
<b>Orientation:</b>	Vertical and Right Angle
<b>Circuit Sizes:</b>	2, 3, 4, 5, 6 and 10
<b>Current Rating:</b>	(4.75 - 5) Amps Dependant on AWG
<b>Voltage:</b>	250 Volts
<b>Wire size:</b>	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

**For additional Molex / Waldom Design and Solution kits please go to [www.molexkits.com](http://www.molexkits.com)**

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**Bill of Materials for Part No. 76650-0010**

<b>Molex Part No.</b>	<b>Country of Origin</b>	<b>Description</b>	<b>Quantity in Kit</b>
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\*

<b>Molex Part No.</b>	<b>Country of Origin</b>	<b>Description</b>
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.