

## Datasheet for 76650-0007

### General Information

<b>Part Number:</b>	76650-0007
<b>Manufacturer:</b>	Molex / Waldom
<b>Title:</b>	KK-100 Connector Kit
<b>Description:</b>	Vertical and Right Angle Header and Receptacle, with Extraction and Universal Crimp Tool
<b>Product Family:</b>	KK™
<b>Certificates:</b>	(Molex parts within this kit) EU RoHS, China RoHS, UL Recognized, CSA
<b>Country of Origin:</b>	Kit assembled in U.S.A.

### Specifications

#### Design

<b>Configuration:</b>	Wire-to-Board
<b>Pitch:</b>	2.54mm (.100")
<b>Connector Type:</b>	Receptacle and Header

#### Mounting

<b>Orientation:</b>	Vertical and Right Angle
<b>Circuit Sizes:</b>	2, 4, 6, 8 and 10
<b>Current Rating:</b>	2.5 Amps
<b>Voltage:</b>	250 Volts
<b>Wire size:</b>	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

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### 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.

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