

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.

<b>Features and Benefits</b>	<b>Applications</b>
<ul style="list-style-type: none"><li>• Standard cantilever terminals</li><li>• Cantilever design provides high contact pressure</li><li>• Wiping action cleans oxides when connector is mated</li><li>• Locking ramps for improved retention</li></ul>	<ul style="list-style-type: none"><li>• Vending and Gaming Machines</li><li>• Production Equipment</li><li>• Industrial Instruments</li><li>• Energy and Power</li></ul>

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**Bill of Materials for Part No. 76650-0007**

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

<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.