



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!



## Contact us

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## Datasheet for 76650-0204

### General Information

<b>Part Number:</b>	76650-0204
<b>Manufacturer:</b>	Molex / Waldom
<b>Title:</b>	KK-100 Connector Kit
<b>Description:</b>	.100 Pitch Vertical and Right Angle Header and Receptacle, 4 Circuit
<b>Product Family:</b>	KK®
<b>Certificates:</b>	(Molex parts within this kit) - EU and China RoHS Compliant, 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>	2.54mm (.100")
<b>Connector Type:</b>	Receptacle and Header
<b>Circuit Sizes:</b>	4
<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

#### Applications

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

**Datasheet for 76650-0204**

**Bill of Materials for Part No. 76650-0204**

<b>Molex Part No.</b>	<b>Country of Origin</b>	<b>Description</b>	<b>Quantity in Kit</b>
08-50-0114	USA	KK® Female Crimp Terminals, 30-22 AWG	9
22-01-2041	USA	2.54mm (.100") Pitch KK® Receptacle (without Locking Ramps), 4 Circuits	2
22-03-2041	Mexico	2.54mm (.100") Pitch KK® Vertical Header, 4 Circuits	2
22-05-2041	Mexico	2.54mm (.100") Pitch KK® Right Angle Header, 4 Circuits	2

**Recommended Molex Tool(s) for Part No. 76650-0204\***

<b>Molex Part No.</b>	<b>Country of Origin</b>	<b>Description</b>
63811-8200 *	Sweden	Hand Crimp Tool
63812-0000 *	USA	Insertion Tool
11-03-0022 *	USA	Extraction Tool

\*Tool(s) not included in kit. Tool(s) ordered separately.