

## 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

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

Molex Part No.	Country of Origin	Description	Quantity in Kit
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\*

Molex Part No.	Country of Origin	Description
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.