

## Datasheet for 76650-0205

### General Information

|                           |   |
|---------------------------|---|
| <b>Part Number:</b>       | 76650-0205  |
| <b>Manufacturer:</b>      | Molex / Waldom  |
| <b>Title:</b>             | KK-100 Connector Kit  |
| <b>Description:</b>       | .100 Pitch Vertical and Right Angle Header and Receptacle, 6 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>  | 6                     |
| <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 76650-0205

#### Bill of Materials for Part No. 76650-0205

| Molex Part No. | Country of Origin | Description   | Quantity in Kit |
|----------------|-------------------|---|-----------------|
| 08-50-0114     | USA               | KK® Female Crimp Terminals, 30-22 AWG                                   | 13              |
| 22-01-2061     | USA               | 2.54mm (.100") Pitch KK® Receptacle (without Locking Ramps), 6 Circuits | 2               |
| 22-03-2061     | Mexico            | 2.54mm (.100") Pitch KK® Vertical Header, 6 Circuits                    | 2               |
| 22-05-2061     | Mexico            | 2.54mm (.100") Pitch KK® Right Angle Header, 6 Circuits                 | 2               |

#### Recommended Molex Tool(s) for Part No. 76650-0205\*

| 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.

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