

## Datasheet for 76650-0208

### General Information

|                           |                                                                                 |
|---------------------------|---------------------------------------------------------------------------------|
| <b>Part Number:</b>       | 76650-0208                                                                      |
| <b>Manufacturer:</b>      | Molex / Waldom                                                                  |
| <b>Title:</b>             | KK-156 Connector Kit                                                            |
| <b>Description:</b>       | .156 Pitch Single Row Vertical and Right Angle Header and Receptacle, 2 Circuit |
| <b>Product Family:</b>    | KK™                                                                             |
| <b>Certificates:</b>      | (Molex parts within this kit) EU and China RoHS, 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>          | 3.96mm (.156")        |
| <b>Connector Type:</b> | Receptacle and Header |

#### Mounting

|                        |                          |
|------------------------|--------------------------|
| <b>Orientation:</b>    | Vertical and Right Angle |
| <b>Circuit Sizes:</b>  | 2                        |
| <b>Current Rating:</b> | 4 Amps                   |
| <b>Voltage:</b>        | 250 Volts                |
| <b>Wire size:</b>      | 24-18 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 when mated

#### Applications

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

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### Bill of Materials for Part No. 76650-0208

| Molex Part No. | Country<br>of Origin | Description                                                                   | Quantity in<br>Kit |
|----------------|----------------------|-------------------------------------------------------------------------------|--------------------|
| 08-50-0106     | USA                  | KK® Crimp Terminals, .156" 24-18 AWG                                          | 7                  |
| 09-50-3021     | USA                  | 3.96mm (.156") Pitch KK® Housing Receptacle 2 Circuits<br>(with Locking Ramp) | 3                  |
| 26-48-1025     | Mexico               | 3.96mm (.156") Pitch KK® Vertical Header, Breakaway, 2<br>Circuits            | 3                  |
| 26-48-1026     | Mexico               | 3.96mm (.156") Pitch KK® Right Angle Header, Breakaway,<br>2 Circuits         | 3                  |

### Recommended Molex Tool(s) for Part No. 76650-0208\*

| Molex Part No. | Country<br>of Origin | Description     |
|----------------|----------------------|-----------------|
| 63811-7500 *   | Germany              | Hand Crimp Tool |
| 11-03-0016 *   | USA                  | Extraction Tool |

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