

## Datasheet for 76650-0212

### General Information

|                           |   |
|---------------------------|---|
| <b>Part Number:</b>       | 76650-0212  |
| <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, 6 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>  | 6                        |
| <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

**Datasheet for 76650-0212**

**Bill of Materials for Part No. 76650-0212**

| <b>Molex Part No.</b> | <b>Country of Origin</b> | <b>Description</b>   | <b>Quantity in Kit</b> |
|-----------------------|--------------------------|--|------------------------|
| 08-50-0106            | USA                      | KK® Crimp Terminals, .156" 24-18 AWG                                       | 7                      |
| 09-50-3061            | USA                      | 3.96mm (.156") Pitch KK® Housing Receptacle 6 Circuits (with Locking Ramp) | 1                      |
| 26-48-1065            | Mexico                   | 3.96mm (.156") Pitch KK® Vertical Header, Breakaway, 6 Circuits            | 1                      |
| 26-48-1066            | Mexico                   | 3.96mm (.156") Pitch KK® Right Angle Header, Breakaway, 6 Circuits         | 1                      |

**Recommended Molex Tool(s) for Part No. 76650-0212\***

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

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