

## Datasheet for 76650-0007

### General Information

<b>Kit Part Number:</b>	76650-0007
<b>Connector Type:</b>	Wire-to-Board
<b>Solution:</b>	Off the Board Connectors
<b>Molex Family:</b>	KK®-100
<b>Certificates:</b>	N/A
<b>Country of Origin:</b>	Kit assembled in U.S.A

### Specifications

<b>Circuit Size:</b>	10, 2, 4, 6, 8
<b>Current Rating:</b>	2.5A
<b>Mounting Style:</b>	PCB Through Hole
<b>Orientation:</b>	Receptacles, Right Angle Headers, Vertical Headers
<b>Pitch:</b>	2.54mm (.100")
<b>Tool Included:</b>	Yes
<b>Voltage Rating:</b>	250V
<b>Wire Gauge (AWG):</b>	30-22

### 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

#### Applications

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

**Bill of Materials**

<b>Molex Part No.</b>	<b>Description</b>	<b>Quantity</b>
08-50-0114	KK® Female Crimp Terminal, 30-22 AWG	100
15-38-1024	2 Circuit Shunt/Jumper Terminal Housing	10
22-01-2021	2.54mm (.100") Pitch, KK® Receptacle, 2 Circuits	12
22-01-2041	2.54mm (.100") Pitch, KK® Receptacle, 4 Circuits	6
22-01-2061	2.54mm (.100") Pitch, KK® Receptacle, 6 Circuits	6
22-01-2081	2.54mm (.100") Pitch, KK® Receptacle, 8 Circuits	6
22-01-2101	2.54mm (.100") Pitch KK® Receptacle, 10 Circuits	6
22-03-2021	2 Circuit, Vertical Wire-to-Board Header	6
22-03-2041	4 Circuit, Vertical Wire-to-Board Header	3
22-03-2061	6 Circuit, Vertical Wire-to-Board Header	3
22-03-2081	8 Circuit, Vertical Wire-to-Board Header	3
22-03-2101	10 Circuit, Vertical Wire-to-Board Header	3
22-05-2021	2 Circuit, Right Angle Wire-to-Board Header	6
22-05-2041	4 Circuit, Right Angle Wire-to-Board Header	3
22-05-2061	6 Circuit, Right Angle Wire-to-Board Header	3
22-05-2081	8 Circuit, Right Angle Wire-to-Board Header	3
22-05-2101	10 Circuit, Right Angle Wire-to-Board Header	3
W-HT-1884	Extraction Tool	1
W-HT-1921	Universal Crimping Tool	1

**Recommended Molex Tool**

<b>Molex Part No.</b>	<b>Description</b>
W-HT-1921 (included in kit)	No Additional Information
63812-0000 (not included in kit)	<a href="#">Click for more info</a>