

Datasheet for 76650-0009

General Information

Kit Part Number:	76650-0009
Connector Type:	Wire-to-Board
Solution:	Off the Board Connectors
Molex Family:	KK®-100
Certificates:	N/A
Country of Origin:	Kit assembled in U.S.A

Specifications

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

Molex Part No.	Description	Quantity
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
63811-1000	Premium Crimping Tool	1

Recommended Molex Tool

Molex Part No.	Description
63811-1000 (included in kit)	Click for more info
63811-8200 (not included in kit)	Click for more info