

Datasheet for 76650-0196

General Information

Kit Part Number:	76650-0196
Connector Type:	Wire-to-Board
Solution:	Power Connectors
Molex Family:	MarKK™
Certificates:	N/A
Country of Origin:	Kit assembled in U.S.A

Specifications

Circuit Size:	10, 2, 3, 4, 5, 6
Current Rating:	3-9A
Mounting Style:	PCB Through Hole
Orientation:	Receptacles, Right Angle Headers, Vertical Headers
Pitch:	3.96mm (.156")
Tool Included:	Yes
Voltage Rating:	250V
Wire Gauge (AWG):	20-18

Product Highlights

Molex®'s MarKK™ (pronounced "Mark") terminal is the next-generation product in the KK® terminal offering. The new spring-box design provides a high force interface, assuring good contact over broader temperatures. Designed to meet increasing customer demands, MarKK provides the next level of performance in the familiar KK® terminal design. The proven KK® system of "building block" connectors can be used to create different configurations, allowing each user to build a system that is precisely suited to any application.

Features and Benefits

- Utilizes spring-box design, provides high-force interface assuring good contact over broader temperatures
- Head-and tail-carried design, eliminates customers need to monitor cutoff dimension in application tooling
- High conductivity alloy, increased current-carrying capability; up to 13.5A per line based on a 2-circuit system
- Four truly independent points of contact, assures a highly reliable interface
- Operating Temperature (-40 to 105) °C

Applications

- General market product, serves a wide variety of industries
- Large and small computers
- Appliances (white goods/brown goods)
- HVAC
- Diagnostic equipment

Bill of Materials

Molex Part No.	Description	Quantity
45570-3050	Female Terminal MarkK™ 20-18 AWG, Pre-Tinned Plating	100
09-50-8023	3.96mm (.156") Pitch, 2 Circuit Crimp Type Receptacle	10
09-50-8033	3.96mm (.156") Pitch, 3 Circuit Crimp Type Receptacle	5
09-50-8043	3.96mm (.156") Pitch, 4 Circuit Crimp Type Receptacle	5
09-50-8053	3.96mm (.156") Pitch, 5 Circuit Crimp Type Receptacle	4
09-50-8063	3.96mm (.156") Pitch, 6 Circuit Crimp Type Receptacle	4
09-50-8103	3.96mm (.156") Pitch, 10 Circuit Crimp Type Receptacle	3
26-48-1021	2 Circuit, Vertical Breakaway Header	10
26-48-1031	3 Circuit, Vertical Breakaway Header	5
26-48-1041	4 Circuit, Vertical Breakaway Header	5
26-48-1051	5 Circuit, Vertical Breakaway Header	4
26-48-1061	6 Circuit, Vertical Breakaway Header	4
26-48-1101	10 Circuit, Vertical Breakaway Header	3
26-48-1022	2 Circuit, Right Angle Breakaway Header	10
26-48-1032	3 Circuit, Right Angle Breakaway Header	5
26-48-1042	4 Circuit, Right Angle Breakaway Header	5
26-48-1052	5 Circuit, Right Angle Breakaway Header	4
26-48-1062	6 Circuit, Right Angle Breakaway Header	4
26-48-1102	10 Circuit, Right Angle Breakaway Header	3
W-HT-1919	Standard Crimping Tool, Crimps 24-14 AWG	1

Recommended Molex Tool

Molex Part No.	Description
W-HT-1919 (included in kit)	No Additional Information
63819-3600 (not included in kit)	Click for more info