

Datasheet for 76650-0109

General Information

Kit Part Number:	76650-0109
Connector Type:	Wire-to-Board
Solution:	Off the Board Connectors
Molex Family:	MicroBlade™
Certificates:	N/A
Country of Origin:	Kit assembled in U.S.A

Specifications

Circuit Size:	11, 13, 5, 6, 9
Current Rating:	2A
Mounting Style:	PCB Through Hole
Orientation:	Receptacles, Vertical Headers
Pitch:	2.00mm (.079")
Tool Included:	No
Voltage Rating:	125V
Wire Gauge (AWG):	30-24

Product Highlights

Provides a compact and flexible solution for industry standard 2.00mm (.079") pitch applications such as consumer and small data devices. The MicroBlade™ system includes a reliable box-type terminal that provides secure electrical contact, and headers in straight/right angle entry for design flexibility. The system also includes a user-friendly friction lock system that includes housing windows to confirm mating.

Features and Benefits

- Compact, low-profile size for space savings
- Friction lock for good mating retention
- Polarizing features ensures proper mating orientation
- Straight/Right Angle headers offer design flexibility

Applications

- DVD players
- Digital video cameras
- Notebook computers
- Office automation equipment
- Automotive

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Bill of Materials

Molex Part No.	Description	Quantity
51004-0500	2.00mm (.079") Pitch MicroBlade™ Receptacle, 5 Circuits	5
51004-0600	2.00mm (.079") Pitch, MicroBlade™ Receptacle, 6 Circuits	5
51004-0900	2.00mm (.079") Pitch, MicroBlade™ Receptacle, 9 Circuits	5
51004-1100	2.00mm (.079") Pitch, MicroBlade™ Receptacle, 11 Circuits	5
51004-1300	2.00mm (.079") Pitch MicroBlade™ Receptacle, 13 Circuits	5
53014-0510	2.00mm (.079") Pitch MicroBlade™ Header, Vertical, 5 Circuits	5
53014-0610	2.00mm (.079") Pitch, MicroBlade™ Header, Vertical, 6 Circuits	5
53014-0910	2.00mm (.079") Pitch, MicroBlade™ Header, Vertical, 9 Circuits	5
53014-1110	2.00mm (.079") Pitch, MicroBlade™ Header, Vertical, 11 Circuits	5
53014-1310	2.00mm (.079") Pitch MicroBlade™ Header, Vertical, 13 Circuits	5
50011-8100	MicroBlade™ Female crimp terminal, 30-24 AWG	100

Recommended Molex Tool

Molex Part No.	Description
57032-5000 (not included in kit)	Click for more info
57105-6000 (not included in kit)	Click for more info