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the connector kit specialist

General Information

Part Number:	76650-0108
Manufacturer:	Molex / Waldom
Title:	MicroBlade Connector Kit
Description:	Friction Lock Right Angle Header and Receptacle
Product Family:	MicroBlade™
Certificates:	(Molex parts within this kit) - EU RoHS Compliant, UL and CSA
Country of Origin:	Kit assembled in U.S.A.

Specifications

Design Configuration:	Wire-to-Board
Pitch:	2.00mm (.079")
Connector Type:	Receptacles and Headers
Mounting Orientation:	Right Angle
Circuit Sizes:	5, 6, 9, 11 and 13
Current Rating:	2 Amps
Voltage:	125 Volts
Wire size:	30-24 AWG

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 for Part No. 76650-0108

Molex Part No.	Country of Origin	Description	Quantity in Kit
51004-0500	Japan	2.00mm (.079") Pitch MicroBlade™ Receptacle, 5 Circuits	5
51004-0600	Japan	2.00mm (.079") Pitch MicroBlade™ Receptacle, 6 Circuits	5
51004-0900	Japan	2.00mm (.079") Pitch MicroBlade™ Receptacles, 9 Circuits	5
51004-1100	Japan	2.00mm (.079") Pitch MicroBlade™ Receptacles, 11 Circuits	5
51004-1300	Japan	2.00mm (.079") Pitch MicroBlade™ Receptacles, 13 Circuits	5
53015-0510	Japan	2.00mm (.079") Pitch MicroBlade™ Header, Right Angle, 5 Circuits	5
53015-0610	Japan	2.00mm (.079") Pitch MicroBlade™ Header, Right Angle, 6 Circuits	5
53015-0910	Japan	2.00mm (.079") Pitch MicroBlade™ Header, Right Angle, 9 Circuits	5
53015-1110	Japan	2.00mm (.079") Pitch MicroBlade™ Header, Right Angle, 11 Circuits	5
53015-1310	Japan	2.00mm (.079") Pitch MicroBlade™ Header, Right Angle, 13 Circuits	5
50011-8100	Japan	MicroBlade™ Female crimp terminal, 24-30 AWG	100

Recommended Molex Tool(s) for Part No. 76650-0108*

Molex Part No.	Country of Origin	Description
57032-5000 *	Japan	Hand crimp tool
57105-6000 *	Japan	Extraction tool

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

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