

General Information

Part Number: 76650-0106
Manufacturer: Molex / Waldom
Title: MicroBlade Connector Kit
Description: Friction Lock Vertical and 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, Vertical and Right Angle Headers
Mounting
Orientation: Vertical and Right Angle
Circuit Sizes: 6, 9 and 11
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

For additional Molex / Waldom Design and Solution kits please go to www.molexkits.com

Bill of Materials for Part No. 76650-0106

Molex Part No.	Country of Origin	Description	Quantity in Kit
51004-0600	Japan	2.00mm (.079") Pitch MicroBlade™ Receptacle, 6 Circuits	5
51004-0900	Japan	2.00mm (.079") Pitch MicroBlade™ Receptacle, 9 Circuits	5
51004-1100	Japan	2.00mm (.079") Pitch MicroBlade™ Receptacle, 11 Circuits	5
53014-0610	Japan	2.00mm (.079") Pitch MicroBlade™ Header, Vertical, 6 Circuits	5
53014-0910	Japan	2.00mm (.079") Pitch MicroBlade™ Header, Vertical, 9 Circuits	5
53014-1110	Japan	2.00mm (.079") Pitch MicroBlade™ Header, Vertical, 11 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
50011-8100	Japan	MicroBlade™ Female crimp terminal, 30-24 AWG	100

Recommended Molex Tool(s) for Part No. 76650-0106*

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.