



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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## General Information

<b>Part Number:</b>	76650-0106
<b>Manufacturer:</b>	Molex / Waldom
<b>Title:</b>	MicroBlade Connector Kit
<b>Description:</b>	Friction Lock Vertical and Right Angle Header and Receptacle
<b>Product Family:</b>	MicroBlade™
<b>Certificates:</b>	(Molex parts within this kit) - EU RoHS Compliant, UL and CSA
<b>Country of Origin:</b>	Kit assembled in U.S.A.

## Specifications

### Design

<b>Configuration:</b>	Wire-to-Board
<b>Pitch:</b>	2.00mm (.079")
<b>Connector Type:</b>	Receptacles, Vertical and Right Angle Headers

### Mounting

<b>Orientation:</b>	Vertical and Right Angle
<b>Circuit Sizes:</b>	6, 9 and 11
<b>Current Rating:</b>	2 Amps
<b>Voltage:</b>	125 Volts
<b>Wire size:</b>	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](http://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.