



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



General Information

Part Number:	76650-0126
Manufacturer:	Molex / Waldom
Title:	PicoBlade Connector Kit
Description:	SMT Friction Lock Vertical Header and Receptacle
Product Family:	PicoBlade™
Certificates:	(Molex Parts within this kit) - UL and CSA
Country of Origin:	Kit assembled in U.S.A.

Specifications

Design

Configuration:	Wire-to-Board
Pitch:	1.25mm (.049")
Connector Type:	Headers and Receptacles

Mounting

Orientation:	Vertical
Circuit Sizes:	2, 3, 4, 6 and 8
Current Rating:	1 Amp
Voltage:	125 Volts
Wire size:	32-28 AWG

Product Highlights

1.25mm (.049") pitch PicoBlade™ system is designed for high-density harness applications. PicoBlade provides the same 1.0 amperes of current as similar 2.00mm (.079") pitch systems, but in a more compact design. PicoBlade™ is offered in wire-to-board and wire-to-wire options. The system saves about 45% of PCB space compared to typical 2.00mm wire-to-board systems. It is a single row system, available in 2 to 15 circuits, with both surface mount and through-hole headers.

Features and Benefits

- Reliable terminal for solid electrical connection
- Friction lock for good mating retention
- Polarizing features ensures proper mating orientation
- Two solder tabs for better connection to the PCB

Applications

- Car Radios
- Process controls
- Cash dispensers
- Patient monitors
- Alarm systems
- Set top boxes
- Dvd players

[For additional Molex / Waldom Design and Solution kits please go to www.molexkits.com](http://www.molexkits.com)

Bill of Materials for Part No. 76650-0126

Molex Part No.	Country of Origin	Description	Quantity in Kit
50058-8000	Japan	PicoBlade™ Crimp Terminal, Female, 32-28 AWG	100
51021-0200	Japan	1.25mm (.049") Pitch PicoBlade™ Receptacle, 2 Circuits	10
51021-0300	Japan	1.25mm (.049") Pitch PicoBlade™ Receptacle, 3 Circuits	10
51021-0400	Japan	1.25mm (.049") Pitch PicoBlade™ Receptacle, 4 Circuits	10
51021-0600	Japan	1.25mm (.049") Pitch PicoBlade™ Receptacle, 6 Circuits	10
51021-0800	Japan	1.25mm (.049") Pitch PicoBlade™ Receptacle, 8 Circuits	10
53398-0271	Japan	1.25mm (.049") Pitch PicoBlade™ Header, Surface Mount, Vertical, 2 Circuits	10
53398-0371	Japan	1.25mm (.049") Pitch PicoBlade™ Header, Surface Mount, Vertical, 3 Circuits	10
53398-0471	Japan	1.25mm (.049") Pitch PicoBlade™ Header, Surface Mount, Vertical, 4 Circuits	10
53398-0671	Japan	1.25mm (.049") Pitch PicoBlade™ Header, Surface Mount, Vertical, 6 Circuits	10
53398-0871	Japan	1.25mm (.049") Pitch PicoBlade™ Header, Surface Mount, Vertical, 8 Circuits	10

Recommended Molex Tool(s) for Part No. 76650-0126*

Molex Part No.	Country of Origin	Description
63819-0400 *	Sweden	Hand Crimp Tool
11-03-0043 *	USA	Extraction Tool

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