



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: | 76650-0124 |
| Manufacturer: | Molex / Waldom |
| Title: | Picoflex Deluxe Connector Kit |
| Description: | SMT Vertical and Right Angle Header, Receptacle and IDT Board-In Receptacle Header |
| Product Family: | Picoflex® |
| Certificates: | (Molex Parts within this kit)-RoHS Compliant, UL, CSA |
| Country of Origin: | Kit assembled in U.S.A. |

Specifications

Design

| | |
|------------------------|--|
| Configuration: | Wire-to-Board |
| Pitch: | 1.27mm (.050") |
| Connector Type: | IDT Receptacles, Vertical SMT Headers, Right Angle Headers, and IDT Board-in Headers |

Mounting

| | |
|-------------------------|-----------------------|
| Orientation: | Vertical, Right Angle |
| Circuit Sizes: | 6, 8, 10 and 12 |
| Current Rating: | 1.2 Amps |
| Voltage: | 250 Volts |
| Flat Cable size: | 28-26 AWG |

Product Highlights

Picoflex has a mated height of 6.40mm for vertical mating configurations, which is approximately 15% less than traditional .050" connector systems. A strong one-piece upper housing provides excellent cable retention and is ideal for small circuit size application. The high-reliability contact features a four-point interface with the cable and two points of contact between the header and receptacle. Picoflex also offers excellent polarization to both the PCB and between the female connector and header.

Features and Benefits

- Mates with industry standard .050" cable
- Two points of contact between the header and receptacle
- Tested to meet the high vibration/shock requirements of automotive and consumer electronics industries

Applications

- Car Radios
- Televisions
- Computer Peripherals
- Telecommunications

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

Bill of Materials for Part No. 76650-0124

| Molex Part No. | Country of Origin | Description | Quantity in Kit |
|----------------|-------------------|--|-----------------|
| 90325-7006 | Ireland | 1.27mm (.050") Pitch Picoflex® PF-50 Header, Right Angle, 6 Circuits | 2 |
| 90325-7008 | Ireland | 1.27mm (.050") Pitch Picoflex® PF-50 Header, Right Angle, Low Profile, 8 Circuits | 2 |
| 90325-7010 | Ireland | 1.27mm (.050") Pitch Picoflex® PF-50 Header, Right Angle, Low Profile, 10 Circuits | 2 |
| 90325-7012 | Ireland | 1.27mm (.050") Pitch Picoflex® PF-50 Header, Right Angle, 12 Circuits | 2 |
| 90327-0306 | Ireland | 1.27mm (.050") Pitch Picoflex® PF-50, IDT Receptacle, 6 Circuits | 4 |
| 90327-0308 | Ireland | 1.27mm (.050") Pitch Picoflex® PF-50, Low Profile, 8 Circuits | 4 |
| 90327-0310 | Ireland | 1.27mm (.050") Pitch Picoflex® PF-50, IDT Receptacle Low Profile, 10 Circuits | 4 |
| 90327-0312 | Ireland | 1.27mm (.050") Pitch Picoflex® PF-50, IDT Receptacle Low Profile, 12 Circuits | 4 |
| 90584-1306 | Ireland | 1.27mm (.050") Pitch Picoflex® PF-50 IDT Receptacle Header, 6 Circuits | 2 |
| 90584-1308 | Ireland | 1.27mm (.050") Pitch Picoflex® PF-50 IDT Receptacle Header, 8 Circuits | 2 |
| 90584-1310 | Ireland | 1.27mm (.050") Pitch Picoflex® PF-50 IDT Receptacle Header, 10 Circuits | 2 |
| 90584-1312 | Ireland | 1.27mm (.050") Pitch Picoflex® PF-50 IDT Receptacle Header, 12 Circuits | 2 |
| 90814-0806 | Ireland | 1.27mm (.050") Pitch Picoflex® PF-50 SMT Header, Vertical, 6 Circuits | 2 |
| 90814-0808 | Ireland | 1.27mm (.050") Pitch Picoflex® PF-50 SMT Header, Vertical, 8 Circuits | 2 |
| 90814-0810 | Ireland | 1.27mm (.050") Pitch Picoflex® PF-50 SMT Header, Vertical, 10 Circuits | 2 |
| 90814-0812 | Ireland | 1.27mm (.050") Pitch Picoflex® PF-50 SMT Header, Vertical, 12 Circuits | 2 |