

## General Information

<b>Part Number:</b>	76650-0122
<b>Manufacturer:</b>	Molex / Waldom
<b>Title:</b>	Picoflex Connector Kit
<b>Description:</b>	Right Angle Header and IDT Receptacle
<b>Product Family:</b>	Picoflex®
<b>Certificates:</b>	(Molex Parts within this kit) - RoHS Compliant, UL, CSA
<b>Country of Origin:</b>	Kit assembled in U.S.A.

## Specifications

### Design

<b>Configuration:</b>	Wire-to-Board
<b>Pitch:</b>	1.27mm (.050")
<b>Connector Type:</b>	Insulation Displacement Technology Receptacles and Right Angle Headers

### Mounting

<b>Orientation:</b>	Right Angle
<b>Circuit Sizes:</b>	4, 6, 8, 10, 12, and 16
<b>Current Rating:</b>	1.2 Amps
<b>Voltage:</b>	250 Volts
<b>Flat Cable size:</b>	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

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**Bill of Materials for Part No. 76650-0122**

Molex Part No.	Country of Origin	Description	Quantity in Kit
90325-0004	Ireland	1.27mm (.050") Pitch Picoflex® PF-50 Header, Right Angle, 4 Circuits	2
90325-0006	Ireland	1.27mm (.050") Pitch Picoflex® PF-50 Header, Right Angle, 6 Circuits	2
90325-0008	Ireland	1.27mm (.050") Pitch Picoflex® PF-50 Header, Right Angle, 8 Circuits	2
90325-0010	Ireland	1.27mm (.050") Pitch Picoflex® PF-50 Header, Right Angle, 10 Circuits	2
90325-0012	Ireland	1.27mm (.050") Pitch Picoflex® PF-50 Header, Right Angle, 12 Circuits	2
90325-0016	Ireland	1.27mm (.050") Pitch Picoflex® PF-50 Header, Right Angle, 16 Circuits	2
90327-0304	Ireland	1.27mm (.050") Pitch Picoflex® PF-50, IDT Receptacle, 4 Circuits	2
90327-0306	Ireland	1.27mm (.050") Pitch Picoflex® PF-50, IDT Receptacle, 6 Circuits	2
90327-0308	Ireland	1.27mm (.050") Pitch Picoflex® PF-50, IDT Receptacle, 8 Circuits	2
90327-0310	Ireland	1.27mm (.050") Pitch Picoflex® PF-50, IDT Receptacle, 10 Circuits	2
90327-0312	Ireland	1.27mm (.050") Pitch Picoflex® PF-50, IDT Receptacle, 12 Circuits	2
90327-0316	Ireland	1.27mm (.050") Pitch Picoflex® PF-50, IDT Receptacle, 16 Circuits	2