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General Information

Part Number:	76650-0122
Manufacturer:	Molex / Waldom
Title:	Picoflex Connector Kit
Description:	Right Angle Header and IDT Receptacle
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:	Insulation Displacement Technology Receptacles and Right Angle Headers
Mounting Orientation:	Right Angle
Circuit Sizes:	4, 6, 8, 10, 12, and 16
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 that 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