

Datasheet for 76650-0121

General Information

Part Number:	76650-0121
Manufacturer:	Molex / Waldom
Title:	Picoflex Connector Kit
Description:	IDT Board-In Right Angle 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:	Insulation Displacement Technology Board-in Header

Mounting

Orientation:	Right Angle
Circuit Sizes:	4, 6, 8, 10, 12, 14, 16, 18, 20, and 26
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

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Bill of Materials for Part No. 76650-0112

Molex Part No.	Country of Origin	Description	Quantity in Kit
90584-1304	Ireland	1.27mm (.050") Pitch Picoflex® PF-50 IDT Receptacle, 4 Circuits	2
90584-1306	Ireland	1.27mm (.050") Pitch Picoflex® PF-50 IDT Receptacle, 6 Circuits	2
90584-1308	Ireland	1.27mm (.050") Pitch Picoflex® PF-50 IDT Receptacle, 8 Circuits	2
90584-1310	Ireland	1.27mm (.050") Pitch Picoflex® PF-50 IDT Receptacle, 10 Circuits	2
90584-1312	Ireland	1.27mm (.050") Pitch Picoflex® PF-50 IDT Receptacle, 12 Circuits	2
90584-1314	Ireland	1.27mm (.050") Pitch Picoflex® PF-50 IDT Receptacle, 14 Circuits	2
90584-1316	Ireland	1.27mm (.050") Pitch Picoflex® PF-50 IDT Receptacle, 16 Circuits	2
90584-1318	Ireland	1.27mm (.050") Pitch Picoflex® PF-50 IDT Receptacle, 18 Circuits	2
90584-1320	Ireland	1.27mm (.050") Pitch Picoflex® PF-50 IDT Receptacle, 20 Circuits	2
90584-1326	Ireland	1.27mm (.050") Pitch Picoflex® PF-50 IDT Receptacle, 26 Circuits	2