

Datasheet for 76650-0124

General Information

Kit Part Number:	76650-0124
Connector Type:	Wire-to-Board
Solution:	Off the Board Connectors
Molex Family:	Picoflex®
Certificates:	N/A
Country of Origin:	Kit assembled in U.S.A

Specifications

Circuit Size:	10, 12, 6, 8
Mounting Style:	SMT (Surface Mount Technology)
Orientation:	IDT Receptacles, Right Angle Headers, Vertical Headers
Pitch:	1.27mm (.050")
Tool Included:	No
Voltage Rating:	250V
Wire Gauge (AWG):	28-26

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

<http://www.molexkits.com>

Bill of Materials

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

Recommended Molex Tool

Molex Part No. **Description**