

Datasheet for 76650-0123

General Information

Kit Part Number:	76650-0123
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, 16, 4, 6, 8
Current Rating:	1.2A
Mounting Style:	SMT (Surface Mount Technology)
Orientation:	IDT Receptacles, 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
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
90814-0816	1.27mm (.050") Pitch Picoflex® PF-50 SMT Header, Vertical, Low Profile, with PCB Pegs, 16 Circuits	2
90327-0304	1.27mm (.050") Pitch Picoflex® PF-50, IDT Receptacle, 4 Circuits	2
90327-0306	1.27mm (.050") Pitch Picoflex® PF-50, IDT Receptacle, 6 Circuits	2
90327-0308	1.27mm (.050") Pitch Picoflex® PF-50, IDT Receptacle, 8 Circuits	2
90327-0310	1.27mm (.050") Pitch Picoflex® PF-50, IDT Receptacle, 10 Circuits	2
90327-0312	1.27mm (.050") Pitch Picoflex® PF-50, IDT Receptacle, 12 Circuits	2
90327-0316	1.27mm (.050") Pitch Picoflex® PF-50, IDT Receptacle, 16 Circuits	2
90814-0804	1.27mm (.050") Pitch Picoflex® PF-50 SMT Header, Vertical, Low Profile, with PCB Pegs, 4 Circuits	2

Recommended Molex Tool

Molex Part No.	Description
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