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Datasheet for 76650-0170

General Information	
Kit Part Number:	76650-0170
Connector Type:	Wire-to-Board
Solution:	Signal Connectors
Molex Family:	SL™
Certificates:	N/A
Country of Origin:	Kit assembled in U.S.A

Specifications	
Circuit Size:	3, 4, 5
Current Rating:	3A
Mounting Style:	PCB Through Hole
Orientation:	Receptacles, Right Angle Headers, Vertical Headers
Pitch:	2.54mm (.100")
Tool Included:	No
Voltage Rating:	250V
Wire Gauge (AWG):	24-22

Product Hightlights

SL™ (Stackable Linear) is a modular, single row, wire-to-board system, designed for high density signal applications. These are suitable for low power signal applications such as computers, medical instruments, and automotive controls.

Features and Benefits
• PCB locks hold header in place until permanently soldered
• Locking crown secures positive latch to header
• Polarization slots guide front ribs of mating connector to prevent pin damage
• Standoffs minimize flux retention
• Anti-entanglement/overstress ribs prevent discrete wires from catching under latch during harness manufacturing and storage
• Front ribs prevent contact damage; the housing cannot be twisted off pins
• Dual beam, fully-enclosed box contact
• Dual tab strain relief
• Locking tang secures terminal in housing

Applications
• Automotive: Air bag sensors, Interior lighting, Steering controls, Cigarette lighter, Sound systems
• Telecom: Pay phones, LANs, Network equipment, Hubs and switches
• Business Machines: Copiers, Printers, Fax machines
• Measuring Analyzing Equipment
• HVAC Equipment
• Large Industrial Equipment
• Medical Instrumentation: Surgical, Dental
• Computers: Mainframes, Laptops, CD ROMs, Servers, Desktop PCs, Peripherals, Modems, Disk drives

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Bill of Materials

Molex Part No.	Description	Quantity
16-02-0104	SL™ C-Grid® Term Fem Crimp 0.72µm (30µ"), 24-22 AWG	100
16-02-0103	SL™ C-Grid® Term Fem Crimp 0.72µm (30µ") Gold, 24-22 AWG	100
50-57-9403	2.54mm (.100") 3 Circuit SL™ Receptacle G Latch	5
50-57-9404	2.54mm (.100") 4 Circuit SL™ Receptacle G Latch	5
50-57-9405	2.54mm (.100") 5 Circuit SL™ Receptacle G Latch	5
70541-0072	2.54mm (.100") 3 Circuit SL™ Vertical Header	5
70541-0073	2.54mm (.100") 4 Circuit SL™ Vertical Header	5
70541-0074	2.54mm (.100") 5 Circuit SL™ Vertical Header	5
15-04-0292	Polarizing Key In PC Form B	5
70553-0002	2.54mm (.100") 3 Circuit SL™ Right Angle Header	5
70553-0003	2.54mm (.100") 4 Circuit SL™ Right Angle Header	5
70553-0004	2.54mm (.100") 5 Circuit SL™ Right Angle Header	5

Recommended Molex Tool

Molex Part No.	Description
63811-8700 (not included in kit)	Click for more info
11-02-0022 (not included in kit)	Click for more info