

Datasheet for 76650-0135

General Information

Kit Part Number:	76650-0135
Connector Type:	Wire-to-Board
Solution:	Off the Board Connectors
Molex Family:	MicroClasp™
Certificates:	N/A
Country of Origin:	Kit assembled in U.S.A

Specifications

Circuit Size:	12, 14, 18, 20, 8
Current Rating:	3A
Mounting Style:	PCB Through Hole
Orientation:	Receptacles, Right Angle Headers
Pitch:	2.00mm (.079")
Tool Included:	No
Voltage Rating:	250V
Wire Gauge (AWG):	28-22

Product Highlights

Provides space savings and easy mating/unmating compared to similar 2.00mm (.079") and 2.50mm (.098") pitch wire-to-board systems. MicroClasp™ includes a unique inner positive lock that provides latch protection, secure retention and an audible mating "click". The terminal design offers low insertion and withdrawal forces and is able to carry 3.0A current in a compact 2.00mm (.079") pitch design. MicroClasp™ system is available in 2-40 circuits in SMT and through-hole designs, and in single and dual-row versions.

Features and Benefits

- 2.00mm (.079") pitch for PCB space savings
- Inner positive lock for latch protection
- High-current contacts can carry up to 3.0A
- Low insertion force terminal design for easy mating/unmating

Applications

- Vending/gaming machines
- Automotive
- White goods
- Medical
- Industrial

Bill of Materials

Molex Part No.	Description	Quantity
55959-1430	2.00mm (.079") Pitch MicroClasp™ 14 Circuit Right Angle Header, Dual Row	5
55959-0830	2.00mm (.079") Pitch MicroClasp™ 8 Circuit Right Angle Header, Dual Row	5
51353-1400	2.00mm (.079") Pitch MicroClasp™ 14 Circuit, Receptacle, Dual Row	5
51353-0800	2.00mm (.079") Pitch MicroClasp™ 8 Circuit Receptacle Dual Row	5
51353-1200	2.00mm (.079") Pitch MicroClasp™ 12 Circuit, Receptacle, Dual Row	5
55959-1230	2.00mm (.079") Pitch MicroClasp™ 12 Circuit Right Angle Header, Dual Row	5
55959-2030	2.00mm (.079") Pitch MicroClasp™ Wire-to-Board Header, Dual Row, Right Angle, 20 Circuits	5
51353-2000	2.00mm (.079") Pitch MicroClasp™ Wire-to-Board Receptacle Housing, Positive Lock, Dual Row, 20 Circuits	5
55959-1830	2.00mm (.079") Pitch MicroClasp™ Wire-to-Board Header, Dual Row, Right Angle, 18 Circuits	5
56134-9100	MicroClasp™ Female Terminal, 26-22 AWG	100
51353-1800	2.00mm (.079") Pitch MicroClasp™ Wire-to-Board Receptacle Housing, Positive Lock, Dual Row, 18 Circuits	5

Recommended Molex Tool

Molex Part No.	Description
63811-6300 (not included in kit)	Click for more info
63813-2700 (not included in kit)	Click for more info