

Datasheet for 76650-0156

General Information

Kit Part Number:	76650-0156
Connector Type:	Wire-to-Board
Solution:	Off the Board Connectors
Molex Family:	Sherlock™
Certificates:	N/A
Country of Origin:	Kit assembled in U.S.A

Specifications

Circuit Size:	2, 3, 4, 6, 8
Current Rating:	0.5-2A
Mounting Style:	PCB Through Hole
Orientation:	Receptacles, Right Angle Headers, Vertical Headers
Pitch:	2.00mm (.079")
Tool Included:	No
Voltage Rating:	125V
Wire Gauge (AWG):	30-24

Product Highlights

Originally developed for PC monitor applications, this new 2.0mm pitch system can also be used for other applications that require space savings and secure locking features. The Sherlock system utilizes Molex's proven 50212 terminal, along with a positive lock housing.

Features and Benefits

- Positive lock latch provides secure mating retention
- Housing lance ensures good terminal retention
- Compact low-profile design for space savings
- Polarizing end walls prevent mismatching
- Four-wall shroud with guide plate protects pins and facilitates mating
- Positive locking ribs provide secure mating retention
- Box-style contact design provides good mating reliability
- Lead-free plating

Applications

- Brown Goods
- Security and Alarms
- Industrial Instruments
- Production Equipment

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Bill of Materials

Molex Part No.	Description	Quantity
35507-0300	2.00mm (.079") Pitch, Sherlock™ 3 Circuit, Receptacle Housing	10
35507-0400	2.00mm (.079") Pitch, Sherlock™ 4 Circuit, Receptacle Housing	8
35507-0600	2.00mm (.079") Pitch, Sherlock™ 6 Circuit, Receptacle Housing	8
35507-0800	2.00mm (.079") Pitch Sherlock™ 8 Circuit Receptacle Housing	6
35362-0250	2.00mm (.079") Pitch Sherlock™ 2 Circuit Vertical Header	5
35362-0450	2.00mm (.079") Pitch Sherlock™ 4 Circuit Vertical Header	4
35362-0350	2.00mm (.079") Pitch Sherlock™ 3 Circuit Vertical Header	5
35362-0650	2.00mm (.079") Pitch Sherlock™ 6 Circuit Vertical Header	4
35362-0850	2.00mm (.079") Pitch Sherlock™ 8 Circuit Vertical Header	3
35363-0260	2.00mm (.079") Pitch Sherlock™ 2 Circuit Right Angle Header	5
35363-0360	2.00mm (.079") Pitch, Sherlock™ 3 Circuit, Right Angle Header	5
35363-0460	2.00mm (.079") Pitch, Sherlock™ 4 Circuit, Right Angle Header	4
35363-0660	2.00mm (.079") Pitch, Sherlock™ 6 Circuit, Right Angle Header	4
35363-0860	2.00mm (.079") Pitch Sherlock™ 8 Circuit Right Angle Header	3
50212-8100	Micro-Latch™ Female Crimp Terminal, 30-24 AWG	100
35507-0200	2.00mm (.079") Pitch Sherlock™ 2 Circuit Receptacle Housing	10

Recommended Molex Tool

Molex Part No.	Description
63819-0500 (not included in kit)	Click for more info
57176-5000 (not included in kit)	Click for more info