

Datasheet for 76650-0185

General Information

Kit Part Number:	76650-0185
Connector Type:	Wire-to-Board
Solution:	Off the Board Connectors
Molex Family:	CLIK-Mate™ 1.25mm
Certificates:	N/A
Country of Origin:	Kit assembled in U.S.A

Specifications

Circuit Size:	2, 3, 4, 5, 6
Current Rating:	1A
Mounting Style:	SMT (Surface Mount Technology)
Orientation:	Receptacles, Right Angle Plugs, Vertical Plugs
Pitch:	1.25mm (.049")
Tool Included:	No
Voltage Rating:	50V
Wire Gauge (AWG):	28-26

Product Highlights

Molex's new 1.25mm pitch CLIK-Mate™ series has a superior lock design that offers easier use and better mating retention, compared to competitive versions. The system also provides about 60% space savings compared to similar dual-lock 2.0mm pitch versions. CLIK-Mate™ 1.25 was designed for applications, such as LCD TVs, that require higher pin count connectors to carry more signal lines in less space. This system has a similar design to Molex's CLIK-Mate™ 2.0 family and includes many of the same features.

Features and Benefits

- Robust single positive inner lock (below 8 circuits), audible "click", low insertion force and secure mating
- Flat area for pick-and-place, no costly capton tape needed
- Tuning fork style contact design, secure contact, and avoids terminal stubbing
- Low insertion force, easy and quick mating for operators
- Reinforced metal solder tabs, housing wall support and secure PCB retention

Applications

- LCD/PDP Televisions
- Gaming/Pachinko
- Data Communication Equipment
- Any application requiring superior mating assurance

Bill of Materials

Molex Part No.	Description	Quantity
502381-0000	CLIK-Mate™ Male Terminal for 1.25mm (.049") Pitch	100
502382-0270	1.25mm (.049") Pitch, 2 Circuit CLIK-Mate™ Vertical Receptacle	5
502382-0370	1.25mm (.049") Pitch, 3 Circuit CLIK-Mate™ Vertical Receptacle	5
502382-0470	1.25mm (.049") Pitch, 4 Circuit CLIK-Mate™ Vertical Receptacle	5
502382-0570	1.25mm (.049") Pitch 5 Circuit CLIK-Mate™ Vertical Receptacle	3
502382-0670	1.25mm (.049") Pitch, 6 Circuit CLIK-Mate™ Vertical Receptacle	2
502386-0270	1.25mm (.049") Pitch, 2 Circuit CLIK-Mate™ Right Angle Receptacle	5
502386-0370	1.25mm (.049") Pitch 3 Circuit CLIK-Mate™ Right Angle Receptacle	5
502386-0470	1.25mm (.049") Pitch, 4 Circuit CLIK-Mate™ Right Angle Receptacle	5
502386-0570	1.25mm (.049") Pitch 5 Circuit CLIK-Mate™ Right Angle Receptacle	3
502386-0670	1.25mm (.049") Pitch, 6 Circuit CLIK-Mate™ Right Angle Receptacle	2
502380-0200	1.25mm (.049") Pitch, 2 Circuit CLIK-Mate™ Plug	5
502380-0300	1.25mm (.049") Pitch, 3 Circuit CLIK-Mate™ Plug	5
502380-0400	1.25mm (.049") Pitch, 4 Circuit CLIK-Mate™ Plug	5
502380-0500	1.25mm (.049") Pitch 5 Circuit CLIK-Mate™ Plug	3
502380-0600	1.25mm (.049") Pitch, 6 Circuit CLIK-Mate™ Plug	2

Recommended Molex Tool

Molex Part No.	Description
63819-4400 (not included in kit)	Click for more info