



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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