



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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General Information

Kit Part Number:	76650-0249
Description:	Molex Quixon™; LIF (Low Insertion Forces) Quick-Disconnect and Male PCB Tab Terminal Kit
Application:	Automotive, Consumer Products, HVAC Equipment, Industrial Equipment
Connector Family:	Solderless Terminals
Solution:	Blind-Mate Connectors, Maintenance, Repair and Operation Connectors
Connector Type:	Solderless Terminals
Number of Pieces:	35
RoHS:	Yes

Specifications

Circuit Size(s):	None
Current Rating:	7A (22-18 AWG), 15A (16-14 AWG), 24A (12-10 AWG)
Flammability Rating:	UL94V-2
Insulation:	Nylon Fully Insulated
Mounting Style:	Non-Mounted
Orientation:	Solderless Terminals
Product/Type:	.250" Tab Quick Disconnects
Stud/Tab Size:	.250" (6.35mm)
Tool Included:	No
Voltage Rating:	300V
Wire Gauge (AWG):	12-10, 16-14 , 22-18

Product Highlights

Quixon™ quick-disconnect terminals expand Molex's existing AviKrimp™, InsulKrimp™ and Krimptite™ product lines. These quick-disconnect terminals offer lower insertion force and greater blind-mate capability versus standard AviKrimp, InsulKrimp and Krimptite terminals. Quixon quick-disconnect terminals are available in loose piece or on continuous plastic strip and Mylar tape for semi- or fully- automatic termination. Quixon quick-disconnect terminals meet UL requirements when used with Molex recommended tooling; however, terminals may be crimped with a variety of industry-standard tooling. Quixon quick-disconnect terminals mate to industry-standard tabs offered by Molex.

Features and Benefits

- Side-relief cut design makes blind mating easy by accommodating a slight angle during mating.
- Flexing beam with standard dimple for Low Insertion Force, to mate easily with UL-compliant male tabs while maintaining a high retention force.
- Flared-barrel entry for easy wire insertion, Captures all the wire strands and funnels them into the crimp barrel.
- Standard on AviKrimp™ terminals with a Brass sleeve on the barrel, Provides strain relief and meets the double-crimp VDE, IEC and DIN requirement with a metal ferrule that crimps onto the wire insulation.
- Un-insulated and partially insulated versions are also available, Provides customers a choice for their applications and safety requirements.
- Terminals mate to industry-standard tabs, 6.35 by 0.81mm (.250 by .032"), Enables universal use in numerous applications.

Applications

- Industrial Markets: PCB Connections, Switches, Terminal Blocks
- Automotive Aftermarket: Gauges, Modules
- Consumer Industry - White Goods, Brown Goods
- HVAC: Relays, Capacitors, Contactors





Bill of Materials

Part No.	Qty In Kit	Description	Datasheet	P/N Details	Search Distributors Inventory
19277-0002	10	Quixon™ .250" x .032" Female Fully Insulated Nylon Qui...	Datasheet	Details	Search
19277-0005	10	Quixon™ .250" x .032" Female Fully Insulated Nylon Qui...	Datasheet	Details	Search
19277-0008	10	Quixon™ .250" x .032" Female Fully Insulated Nylon Qui...	Datasheet	Details	Search
19705-4201	5	PCB Tab Quick Disconnect, Male, Box, Tab 6.35 x 0.81mm H =	Datasheet	Details	Search

Recommended Tool

Part No.	Included in Kit
64001-0200	No
64001-0800	No
64001-1100	No







molex

Part No.
76650-0249

Solderless Terminals

LIF Quick-Disconnect Terminals Kit

Molex Quixon™ Family

- LIF (Low Insertion Forces)
- Side-Relief Cut Design
- 22-18, 16-14 and 12-10 AWG
- 300 Volts, UL94V-2
- Additional kits available at
www.molexkits.com



35
pieces

Photo for reference only.

Kits Designed and Assembled by
Waldom
ELECTRONICS

