



## General Information

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

## Specifications

<b>Circuit Size(s):</b>	None
<b>Current Rating:</b>	7A (22-18 AWG), 15A (16-14 AWG), 24A (12-10 AWG)
<b>Flammability Rating:</b>	UL94V-2
<b>Insulation:</b>	Nylon Fully Insulated
<b>Mounting Style:</b>	Non-Mounted
<b>Orientation:</b>	Solderless Terminals
<b>Product/Type:</b>	.250" Tab Quick Disconnects
<b>Stud/Tab Size:</b>	.250" (6.35mm)
<b>Tool Included:</b>	No
<b>Voltage Rating:</b>	300V
<b>Wire Gauge (AWG):</b>	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
<a href="#">19277-0002</a>	10	Quixon&trade; .250" x .032" Female Fully Insulated Nylon Qui...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">19277-0005</a>	10	Quixon&trade; .250" x .032" Female Fully Insulated Nylon Qui...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">19277-0008</a>	10	Quixon&trade; .250" x .032" Female Fully Insulated Nylon Qui...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">19705-4201</a>	5	PCB Tab Quick Disconnect, Male, Box, Tab 6.35 x 0.81mm H = ....	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>

**Recommended Tool**

Part No.	Included in Kit
<a href="#">64001-0200</a>	No
<a href="#">64001-0800</a>	No
<a href="#">64001-1100</a>	No





