



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 76650-0049**

**General Information**

**Part Number:** 76650-0049  
**Manufacturer:** Molex / Waldom  
**Title:** Multi-Lock Self-Tapping IDC Wire Splice Connector Kit  
**Description:** Self-Tapping Wire Splice, Tap-Splice, Pigtail Splice, Parallel Splice and In-Line Splice Connectors  
**Product Family:** Multi-Lock  
**Certificates:** (Molex Parts within this kit) - EU RoHS Compliant  
**Country of Origin:** Kit assembled in U.S.A.

**Specifications**

**Splice Type:** Tap-splice, Pigtail-splice, Parallel-splice or In-line Splice  
**Voltage:** 600 Volts  
**Wire:** (22-18), (18-14), (16-14) and (12-10) AWG

**Product Highlights**

Self-tapping (IDC) Tap-And-Run connectors are quick, convenient Multi-Lock connectors with many uses. Using only ordinary channel-lock pliers, these color-coded connectors make quick, reliable, pre-insulated splices without stripping, twisting, soldering or the need for special tools.

Features and Benefits	Applications
<ul style="list-style-type: none"> <li>• These connectors will tap-splice, pigtail-splice, parallel splice or in-line splice insulated Copper wire conductors for a wide range of applications.</li> <li>• These color-coded connectors make quick, reliable and pre-insulated splices without stripping, twisting, soldering or the need for special tools.</li> </ul>	<ul style="list-style-type: none"> <li>• Automotive: automobile, bus, truck and trailer wiring for lights, horns, gauges and speakers, etc.</li> <li>• Home and Office: shop equipment, burglar and fire alarms, security systems</li> <li>• Non-Automotive transportation: boat wiring systems, trailer wiring, mobile homes and recreational vehicles, campers and ATV's</li> </ul>

**Bill of Materials for Part No. 76650-0049**

Molex Part No.	Country of Origin	Description	Quantity in Kit
19216-0002	Taiwan	Multi-lock Splice Connector, 12-10 AWG–Yellow	8
19216-0003	Taiwan	Multi-lock Splice Connector, 16-14 AWG–Blue	5
19216-0004	Taiwan	Multi-lock Splice Connector, 18-14 AWG–White	5
19216-0005	Taiwan	Multi-lock Splice Connector, 22-18 AWG–Red	10

**No Recommended Molex Tool for Part No. 76650-0049**

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