



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!



## Contact us

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## Datasheet for 76650-0051

### General Information

<b>Part Number:</b>	76650-0051
<b>Manufacturer:</b>	Molex / Waldom
<b>Title:</b>	Solderless Terminal Kit
<b>Description:</b>	PVC Insulated Bullet Snap Plug and Receptacle, and Non-Insulated Bullet Snap Plug and Receptacle
<b>Product Family:</b>	Snap Bullet
<b>Certificates:</b>	(Molex Parts within this kit) - EU RoHS Compliant, UL and CSA
<b>Country of Origin:</b>	Kit assembled in U.S.A.

### Specifications

#### Design

<b>Configuration:</b>	Solderless Terminals / Wire-to-Wire
<b>Terminal Type:</b>	Plug and Receptacle
<b>Diameter:</b>	3.96mm (.156")
<b>Wire:</b>	(22-18) and (16-14) AWG

### Product Highlights

Snap Solderless Terminals are easier and quicker to connect / mate. These are suitable for blind / hidden mating applications. These do not have to mate planarily like Quick Connects, but radially 360 deg.

#### Features and Benefits

- Can be connected and disconnected repeatedly
- Designed to SAE specifications
- Features a PVC sleeve to protect against vibration damage by preventing wire flex at the crimp point
- Funnel entrance into the electrical barrel (on insulated) eliminates wire strand fold back and increases crimping rate

#### Applications

- MRO (Maintenance Repair and Operations)
- Automotive

**Datasheet for 76650-0051**

**Bill of Materials for Part No. 76650-0051**

<b>Molex Part No.</b>	<b>Country of Origin</b>	<b>Description</b>	<b>Quantity in Kit</b>
19033-0003	USA	.156" Non-insulated Male Snap Bullet Connector, 22-18 AWG	25
19033-0007	USA	.156" Non-insulated Male Snap Bullet Connector, 16-14 AWG	25
19034-0005	USA	.156" PVC Male Snap Bullet Connector, 22-18 AWG	25
19034-0009	USA	.156" PVC Male Snap Bullet Connector, 16-14 AWG	25
19038-0001	USA	.156" PVC Female Snap Bullet Connector, 22-18 AWG	25
19038-0007	USA	.156" PVC Female Snap Bullet Connector, 16-14 AWG	25

**Recommended Molex Tool(s) for Part No. 76650-0051\***

<b>Molex Part No.</b>	<b>Country of Origin</b>	<b>Description</b>
64001-0100 *	USA	Hand Crimp Tool (RHT-1990)
64001-0300 *	USA	Hand Crimp Tool (RHT-1993)
64001-1400 *	USA	Hand Crimp Tool (RHT-2100)
64001-2100 *	USA	Hand Crimp Tool (RHT-8765)
64001-2300 *	USA	Hand Crimp Tool (RHT-8764)
64003-0100 *	USA	Hand Crimp Tool (RHT-1992)

\*Tool(s) not included in kit. Tool(s) ordered separately.