

## 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

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**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.