



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 76650-0028

### General Information

<b>Part Number:</b>	76650-0028
<b>Manufacturer:</b>	Molex / Waldom
<b>Title:</b>	Solderless Terminal Kit
<b>Description:</b>	.110", .187" and .250" Tab Size Non-Insulated and PVC Insulated Quick Disconnect Solderless Terminals, With Universal Crimp Tool
<b>Product Family:</b>	Quick Disconnect
<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>	Wire-to-Wire / Solderless Terminals
<b>Tab Size:</b>	.110", .187" and .250"
<b>Insulation:</b>	PVC and Non-insulated
<b>Current Rating:</b>	Per (Proper) Wire Specification
<b>Voltage:</b>	Per (Proper) Wire Specification
<b>Wire size:</b>	16-14 AWG

### Product Highlights

Quick disconnects allow for quickly connecting or disconnecting a terminal. The front end of the terminal has a female-type receptacle which allows the terminal to slide onto and off of a male blade.

#### Features and Benefits

- Color-coded insulator allows easy identification of terminal size and wire gauge.
- A wire stop stamped into the crimp barrel prevents insertion of over-stripped wires.
- Terminal's funnel entrance is designed for increased crimping rates by speeding wire delivery into the crimp section and eliminating wire strand fold back.

#### Applications

- MRO (Maintenance Repair and Operations)
- Consumer applications
- Power applications
- Motor applications
- Powertrains
- Transportation
- Construction / Mining
- Energy / Power
- Production Equipment
- Instrumentation
- Environmental Equipment and Controls
- Blower Motors

**For additional Molex / Waldom Design and Solution kits please go to [www.molexkits.com](http://www.molexkits.com)**

**Datasheet for 76650-0028**

**Bill of Materials for Part No. 76650-0028**

Molex Part No.	Country of Origin	Description	Quantity in Kit
19008-0020	USA	Non-insulated .187" Female Flag Quick Disconnect Terminals, 16-14 AWG	30
19008-0024	USA	Non-insulated .250" Female Flag Quick Disconnect Terminals, 16-14 AWG	30
19016-0037	USA	Non-insulated .110" Female Quick Disconnect Terminals, 16-14 AWG	30
19016-0039	USA	Non-insulated .187" Female Quick Disconnect Terminals, 16-14 AWG	30
19016-0111	USA	Non-insulated .250" Female Quick Disconnect Terminals, 16-14 AWG	30
19017-0028	USA	Insulated .110" Female Quick Disconnect Terminals, 16-14 AWG	30
19017-0031	USA	Insulated .187" Female Quick Disconnect Terminals, 16-14 AWG	30
19017-0037	USA	Insulated .250" Female Quick Disconnect Terminals, 16-14 AWG	30
19022-0022	USA	Non-insulated .187" Male Quick Disconnect Terminals, 16-14 AWG	30
19022-0018	USA	Non-insulated .250" Male Quick Disconnect Terminals, 16-14 AWG	30
19023-0010	USA	Insulated .187" Male Quick Disconnect Terminals, 16-14 AWG	30
19023-0012	USA	Insulated .250" Male Quick Disconnect Terminals, 16-14 AWG	30
CT-4071-1R <sup>^</sup>	Taiwan	Universal Hand Crimping Tool, 22-10 AWG	1

<sup>^</sup> =Tool Provided by Waldom

**Recommended Molex Tool(s) for Part No. 76650-0028\***

Molex Part No.	Country of Origin	Description
<a href="#">64001-0100</a> *	USA	Hand Crimp Tool (RHT-1990)
<a href="#">64001-0200</a> *	USA	Hand Crimp Tool (RHT-1991)
<a href="#">64001-1400</a> *	USA	Hand Crimp Tool (RHT-2100)
<a href="#">64001-2000</a> *	USA	Hand Crimp Tool (RHT-5758)
<a href="#">64003-1200</a> *	USA	Hand Crimp Tool (RHT-1752)
<a href="#">64003-4200</a> *	USA	Hand Crimp Tool (RHT-NIFG)

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