



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 76650-0042

General Information

Part Number:	76650-0042
Manufacturer:	Molex / Waldom
Title:	Solderless Terminal Kit
Description:	.187" Tab Size PVC and Nylon Insulated Quick Disconnect Solderless Terminals
Product Family:	Quick Disconnects
Certificates:	(Molex Parts within this kit) - EU RoHS Compliant, UL and CSA
Country of Origin:	Kit assembled in U.S.A.

Specifications

Design

Configuration:	Wire-to-Wire / Solderless Terminals
Size:	.187"
Connector Type:	Male and Female
Insulation:	Nylon
Current Rating:	(3-15) Amps - Dependant on Wire Gauge
Voltage:	600 Volts
Wire size:	(22-18) and (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

- Translucent "see-through" insulator provides fast, on-line quality control inspection by allowing a quick visual check of the wire/terminal assembly.
- 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

Datasheet for 76650-0042

Bill of Materials for Part No. 76650-0042

Molex Part No.	Country of Origin	Description	Quantity in Kit
19003-0011	USA	Fully Insulated .187" Female Quick Disconnects, 22-18 AWG	15
19003-0050	USA	Fully Insulated .187" Female Quick Disconnects, 16-14 AWG	15
19017-0007	USA	Insulated .187" Female Quick Disconnects, 22-18 AWG	15
19017-0031	USA	Insulated .187" Female Quick Disconnects, 16-14 AWG	15
19023-0003	USA	Insulated .187" Male Quick Disconnects, 22-18 AWG	20
19023-0010	USA	Insulated .187" Male Quick Disconnects, 16-14 AWG	30

Recommended Molex Tool(s) for Part No. 76650-0042*

Molex Part No.	Country of Origin	Description
64001-0400 *	USA	Hand Crimp Tool (RHT-1994)
64001-0700 *	USA	Hand Crimp Tool (RHT-5757-CC)
64001-0200 *	USA	Hand Crimp Tool (RHT-1991)
64001-1700 *	USA	Hand Crimp Tool (RHT-5757)
64001-2400 *	USA	Hand Crimp Tool (RHT-5768)

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