



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Datasheet for 76650-0154

General Information

Part Number:	76650-0154
Manufacturer:	Molex / Waldom
Title:	Solderless Terminal Kit
Description:	Nylon Insulated Ring 3 and 4 Way Ring Splice and # 5-6, # 8, # 10, 1/4" Stud Size Ring Terminal with Universal Crimp Tool
Product Family:	Splices and (Ring and Spade) Terminals
Certificates:	(Molex Parts within this kit) - EU RoHS Compliant
Country of Origin:	Kit assembled in U.S.A.

Specifications

Design

Configuration:	(Wire-to-Wire) and (Wire-to-Board) / Solderless Terminals
Connector Type:	Ring Terminals and Ring Terminal Splices
Stud Sizes:	# 5-6 (M3-3.5), # 8 (M4), # 10 (M5) and 1/4"
Insulation:	Nylon
Current Rating:	(3-15) Amps - Dependant on Wire Gauge
Voltage:	300 or 600 Volts
Wire size:	(22-18), (16-14) and (12-10) AWG

Product Highlights

The basic ring tongue type is the safest and most reliable, because it cannot be disconnected unless the screw is completely removed. Chamfered barrel edge for faster, easier insertion of wire. Actually gathers frayed strands by funnel action. Full barrel length, (1/4") long, eliminates loss of time finding a critical crimping location, besides squeeze-outs and shearing. These terminals have multiple deep V-notches, which securely grip the wire, providing best contact and maximum holding power over wide contact area.

Features and Benefits

- Color-coded insulator allows easy identification of terminal size and wire gauge.
- Avikrimp provides a metal insulation support sleeve for superior strain relief
- The color-coded Nylon insulating sleeve extends beyond the metal support sleeve
- 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)
- Powertrains
- Transportation
- Construction / Mining
- Energy / Power
- Production Equipment
- Instrumentation
- Environmental Equipment and Controls
- Blower Motors

Datasheet for 76650-0154

Bill of Materials for Part No. 76650-0154

Molex Part No.	Country of Origin	Description	Quantity in Kit
19204-0009	USA	3- Way Splice 22-18 AWG	10
19204-0018	USA	3- Way Splice 16-14 AWG	10
19204-0030	USA	3- Way Splice 12-10 AWG	5
19204-0008	USA	4- Way Splice 22-18 AWG	10
19204-0017	USA	4- Way Splice 16-14 AWG	10
19204-0029	USA	4- Way Splice 12-10 AWG	5
19073-0038	USA	Ring Term. 22-18 AWG, Stud # 5-6 (M3-3.5)	50
19073-0013	USA	Ring Term. 22-18 AWG, Stud # 8 (M4)	50
19073-0085	USA	Ring Term. 16-14 AWG, Stud # 8 (M4)	50
19073-0087	USA	Ring Term. 16-14 AWG, Stud # 10 (M5)	50
19073-0170	USA	Ring Term. 12-10 AWG, Stud # 10 (M5)	25
19073-0188	USA	Ring Term.12-10 AWG, Stud 1/4"	25
CT-4071-1R^	Taiwan	Universal Crimping Tool-Bolt Cutter/Wire Stripper/Wire Cutter	1

^ =Tool Provided by Waldom

Recommended Molex Tool(s) for Part No. 76650-0154*

Molex Part No.	Country of Origin	Description
64001-0100 *	USA	Hand Crimp Tool (RHT-1990)
64001-1200 *	USA	Hand Crimp Tool (RHT-2050)
64001-1400 *	USA	Hand Crimp Tool (RHT-2100)
64001-1500 *	USA	Hand Crimp Tool (RHT-2200)

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