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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	Applications
• 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.	• MRO (Maintenance Repair and Operations) • Powertrains • Transportation • Construction / Mining • Energy / Power • Production Equipment • Instrumentation • Environmental Equipment and Controls • Blower Motors

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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.

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