



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 76650-0036

General Information

Part Number:	76650-0036
Manufacturer:	Molex / Waldom
Title:	Solderless Terminal Kit
Description:	Assorted Non-Insulated .250" Quick Disconnect Ring, Spade, Butt Splice and Terminal, Universal crimp tool
Product Family:	Solderless Terminal
Certificates:	(Molex Parts within this kit) - EU RoHS Compliant and UL
Country of Origin:	Kit assembled in U.S.A.

Specifications

Design

Configuration:	(Wire-to-Wire) and (Wire-to-Board) / Solderless Terminals
Size(s):	.250", # 6, # 10 and 3/8"
Current Rating:	Per (Proper) Wire Specification
Voltage:	Per (Proper) Wire Specification
Wire size:	(22-18), (16-14) and (12-10)

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.

Spades have the open tongue end used for rapid insertion on the mounting screw. The spade is usually used on free standing studs.

Butt Splices allow two stripped wires to be inserted into each end and "butt" in the center, with the crimp securing both wires together.

Features and Benefits

Applications

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- Terminals employ the full barrel length that eliminates costly and time consuming location when crimping
 - Finest quality electrolytic copper
 - One-piece design, butted seam
 - The Spade's open tongue end is for rapid insertion on the mounting screw / stud
 - The basic Ring Tongue type is the safest and most reliable because it cannot be disconnected unless the screw is completely removed.
 - Block Spades are designed for use in terminal blocks
 - Hook combines the security advantage of the ring with the easy-handling characteristics of the spade.
- 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

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Bill of Materials for Part No. 76650-0036

Molex Part No.	Country of Origin	Description	Quantity in Kit
19016-0111	USA	Non-insulated .250" Female Quick Disconnects, 16-14 AWG	20
19022-0018	USA	Non-insulated .250" Male Quick Disconnects, 16-14 AWG	20
19044-0032	USA	Non-insulated #10 Ring Tongue Terminals, 16-14 AWG	20
19044-0152	USA	Non-insulated #6 Ring Tongue Terminals, 16-14 AWG	20
19069-0209	USA	Non-insulated #10 Ring Tongue Terminals, 12-10 AWG	20
19069-0241	USA	Non-insulated 3/8" Ring Tongue Terminals, 12-10 AWG	20
19140-0035	USA	Non-insulated #6 Block Spade Terminals, 22-18 AWG	20
19140-0090	USA	Non-insulated #6 Block Spade Terminals, 16-14 AWG	20
19140-0093	USA	Non-insulated #10 Block Spade Terminals, 16-14 AWG	20
19189-0002	USA	Non-insulated Butt Splice Connector Terminals, 22-18 AWG	20
19189-0008	USA	Non-insulated Butt Splice Connector Terminals, 16-14 AWG	20
19189-0015	USA	Non-insulated Butt Splice Connector Terminals, 12-10 AWG	20
CT-4071-1R^	Taiwan	Universal Hand Crimping Tool, 22-10 AWG	1

^ = Tool Provided by Waldom

Recommended Molex Tool(s) for Part No. 76650-0036*

Molex Part No.	Country of Origin	Description
64003-0100 *	USA	Hand Crimp Tool (RHT-1992)
64003-1200 *	USA	Hand Crimp Tool (RHT-1752)

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