



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

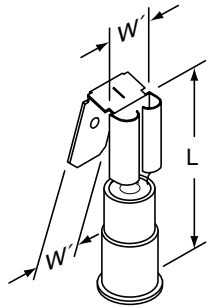
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





Scotchlok™ Terminals

MVU18-250DMF, MVU14-250DMF
Multi-Stack Disconnect, Vinyl Insulated, Butted Seam



Data Sheet

Product Number	Range (AWG)	Mates with Male Tab Width (W') x Thickness	L	Barrel Length	Barrel I.D.	Maximum Insulation Diameter
MVU18-250DMF	22-18	0.250 x 0.032	0.87	0.23	0.070	0.145
MVU14-250DMF	16-14	0.250 x 0.032	0.87	0.23	0.090	0.170

Specifications

Wire Size: See Table Above
 Barrel Seam: Butted
 Maximum Voltage Rating: 600 V Building Wire
 1000 V sign or fixture
 Maximum Operating Temp: 221°F (105°C)
 Maximum Current: Same as Wire
 Insulator Material: Vinyl
 Terminal Material: Brass
 Plating: Tin

Installation Information


⚠ WARNING

Turn power off before installing or removing terminal. All electrical work should be done according to appropriate electrical codes.

Strip away the end 3/8 inch of wire insulation.

Make the crimp in the proper station of a recommended 3M crimp tool: TH-440, TH-450 (scissor style), or TR-490 (ratchet style) hand tools.



 Barrel Crimp (Required)

Engineering Specification

Crimp-Type Multi-Stack Disconnects shall, electrically and mechanically, connect permanently to a prestripped end of a stranded copper wire and, have a tongue portion with fingers which grip a Male Quick-Slide and a tongue extension to be gripped by a Female Quick-Slide, in a separable, reusable manner, thus forming a Quick Connect Wiring Termination. The Multi-Stack Disconnect line shall offer variations in separable connections: Male Quick-Slide (0.250" wide), Female Quick-Slide (0.250" wide) and barrel variations in wire (AWG) size (22-18, 16-14) and construction (vinyl insulated and nylon insulated with insulation grip). The tongue shall be marked with the wire range.

The vinyl insulated Multi-Stack Disconnect shall be tin plated 0.016" thick brass, with a tongue formed to grip a 0.250" Male Tab and be gripped by a Female Quick-Slide with a 0.23" long barrel fastened securely to a tin plated brass insulation grip, covered by a molded nylon sleeve, color coded and sized for a specified (AWG) wire size.

The Separable Connection formed by the Multi-Stack Disconnect and the mating connector(s) may require a suitable strain relief to prevent accidental separation.

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IMPORTANT NOTICE

Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use.

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Electrical Products Division

6801 River Place Blvd.
Austin, TX 78726-9000
800 245 3573
<http://www.3M.com/elpd>

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