



**Distributor of 3M: Excellent Integrated System Limited**

Datasheet of MVU18-250DMFK-A - Connector Quick Connect Receptacle/Tab 18-22 AWG  
0.250" (6.35mm) Crimp

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## Excellent Integrated System Limited

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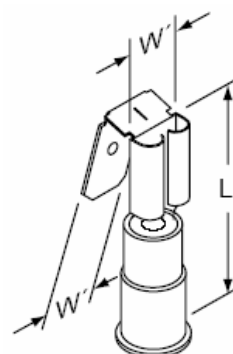
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# 3M

## Scotchlok™ Terminals

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



Data Sheet

February 2008

Product Number	Wire Range (AWG)	Mates with Male Tab Width (W') x Thickness	L	Maximum Insulation Diameter
MVU18-250DMF-A	22-18	0.250 x 0.032	.87	.15
MVU14-250DMF-A	16-14	0.250 x 0.032	.87	.17

### Specifications

Wire Size:	See Table Above
Barrel Seam:	Butted
Maximum Voltage Rating:	300 V Building Wire
Maximum Operating Temp:	221°F (105°C)
Maximum Current:	Same as Wire
Insulator Material:	Vinyl
Terminal Material:	Brass
Terminal 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 the proper station of a recommended 3M™ Scotchlok™ Crimp Tool: TH-440, TH-450 (scissor style) or TR-490 (ratchet style) hand tools.



Barrel Crimp (Required)

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### Engineering Specification

Crimp-Type Multi-Stack Disconnects shall, electrically and mechanically, connect permanently to a pre-stripped 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, 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 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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