



Distributor of 3M: Excellent Integrated System Limited

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

Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

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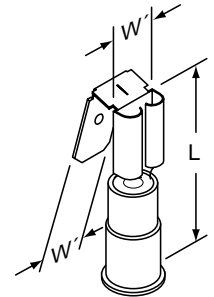
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sales@integrated-circuit.com



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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