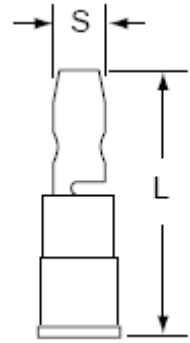




Scotchlok™ Terminals

MVU18-180DM-A, MVU14-180DM-A,
Male Snap Plug, Vinyl Insulated,
Butted Seam



Data Sheet

March 2008

Product Number	Wire Range (AWG)	Mating Snap Diameter S	L	Maximum Insulation Diameter
MVU18-180DM-A	22-18	0.180	.83	.15
MVU14-180DM-A	16-14	0.180	.83	.17

Specifications

Wire Size:	See Table Above
Barrel Seam:	Butted
Maximum Voltage Rating:	300 V Building Wire
Maximum Operating Temp:	167°F (75°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 in the proper station of a recommended 3M™ Scotchlok™ Crimp Tool: TH-440, TH-450.



 Barrel Crimp (Electrical)

Engineering Specification

Crimp-Type Snap Plug Connectors shall, electrically and mechanically, connect permanently to a pre-stripped end of a stranded copper wire, and have a round tongue portion for mating to a Snap Receptacle in a separable, reusable manner.

The connector line shall offer tongue variations sized to grip male tabs 0.156" and 0.180" diameter and barrel variations in wire (AWG) size (22-18, 16-14, 12-10) and construction (vinyl insulated, nylon insulated with insulation grip).

The separable connector formed by a paired Male Snap Plug and Female Snap Receptacle may require a suitable strain relief to prevent accidental separation.

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