



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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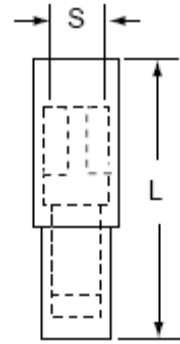
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Scotchlok™ Terminals

MNG18-180DFI-A, MNG14-180DFI-A,
Female Snap Receptacle, Bullet Style
Nylon Fully Insulated with Insulation Grip



Data Sheet

March 2008

Product Number	Wire Range (AWG)	Mating Snap Diameter S	L	Maximum Insulation Diameter
MNG18-180DFI-A	22 – 18	0.180	1.00	.15
MNG14-180DFI-A	16 – 14	0.180	1.00	.19

Specifications

Wire Size:	See Table Above
Barrel Seam:	Butted with Insulation Grip
Maximum Voltage Rating:	600 V Building Wire or 1000V Signs or Fixtures (Luminaires)
Maximum Operating Temp:	221°F (105°C)
Maximum Current:	Same as Wire
Insulator Material:	Nylon
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)

 Insulation Grip Crimp (Mechanical)

Engineering Specification

Crimp-Type Female 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 Disconnect in a separable, reusable manner, forming a Quick Connect Wiring Termination.

The connector line shall offer tongue variations (sized to grip bullet-style Male Tabs 0.180" diameter per ANSI/NEMA CD-2) and barrel variations in wire (AWG) size (22-18, 16-14) and construction (vinyl insulated, nylon fully insulated, etc.).

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