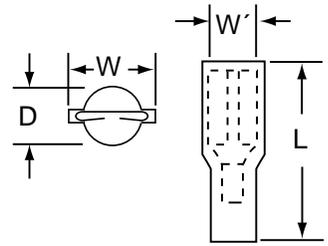




# Scotchlok™ Terminals

MNU20-110DFI

Female Disconnect, Nylon Fully Insulated,  
Butted Seam



## Data Sheet

Product Number	Wire Range (AWG)	Male Tab Width (W') x Thickness	L	W	D	Barrel Length	Barrel I.D.	Maximum Insulation Diameter
MNU20-110DFI	26-20	0.110 x 0.020 0.125 x 0.020	0.66	0.22	0.15	0.13	0.055	0.093

## Specifications

Wire Size:	26-20 AWG Copper
Barrel Seam:	Butted
Maximum Operating Temp:	221°F (105°C)
Maximum Current:	Same as Wire
Insulator Material:	Nylon
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.

For use on stranded copper (AWG) wire only.

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

Make the crimp in the proper station of a recommended 3M crimp tool: TH-450 (scissor style) hand tools.



Barrel Crimp (Electrical)

## Engineering Specification

Crimp-Type Female 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 miniature connector line shall offer tongue variations (sized to grip Male Tabs: 0.110" x 0.020" or 0.125" x 0.020") and barrel variations in construction (nylon fully insulated, nylon fully insulated with insulation grip, etc.). The tongue portion shall be marked with the wire range and manufacturer's symbol (↑).

The Nylon Fully Insulated Miniature 0.110" Female Disconnect shall be tin plated 0.010" thick brass, with a tongue for gripping a 0.020" Male Tab of either 0.110" or 0.125" width x 0.020" thick and a 0.13" long butted seam barrel covered by a molded nylon sleeve which extends to cover the tongue, color coded and sized for a specified (AWG) wire range (26-20).

3M and Scotchlok are trademarks of 3M

### 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.

**Warranty; Limited Remedy; Limited Liability.** This product will be free from defects in material and manufacture as of the date of purchase. **3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** If this product is defective within the warranty period stated above, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product. **Except where prohibited by law, 3M will not be liable for any loss or damage arising from this 3M product, whether direct, indirect, special, incidental or consequential regardless of the legal theory asserted.**

**3M**

### Electrical Products Division

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

Litho in USA.  
© 3M 2002 78-8126-0378-1-A