

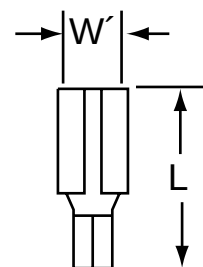


# Scotchlok™ Terminals

MU20-110DF, MU20-110/32DF,

MU14-110DF

Female Disconnect, Non-Insulated, Butted Seam



## Data Sheet

| Product Number | Wire Range (AWG) | Mates with Male Tab Width (W') x Thickness | L    | Barrel Length | Barrel I.D. |
|----------------|------------------|--------------------------------------------|------|---------------|-------------|
| MU20-110DF     | 26-20            | 0.110 x 0.020<br>0.125 x 0.020             | 0.48 | 0.13          | 0.055       |
| MU20-110/32DF  | 26-20            | 0.110 x 0.032                              | 0.48 | 0.13          | 0.055       |
| MU14-110DF     | 16-14            | 0.110 x 0.020<br>0.125 x 0.020             | 0.54 | 0.19          | 0.115       |

## Specifications

Wire Size:  
Barrel Seam:  
Maximum Current:  
Terminal Material:  
Plating:

See Table Above  
Butted  
Same as Wire  
Brass  
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 wire only.

Strip away the end 1/4 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 tool.



 Barrel Crimp (Electrical)

## Engineering Specification

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

The connector line shall offer tongue variations (sized to grip Male Tabs: 0.110" x 0.020" or 0.110" x 0.032") and barrel variations in construction (non-insulated, nylon insulated with insulation grip, etc.). The tongue portion shall be marked with the wire range and manufacturer's symbol (↑).

The Non-Insulated Miniature 0.110" Female Disconnect shall be tin plated 0.010" thick brass with a tongue for gripping a 0.110" or 0.125" x 0.020" thick Male Tab or a 0.010" x 0.032" thick Male Tab with a butted seam barrel sized for a specified (AWG) wire range (26-20, 16-14).

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.**



### Electrical Products Division

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

Litho in USA.  
© 3M 2002 78-8126-0377-3-A

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

3M:

[MU14-110DFK](#) [MU14-110DFX](#)