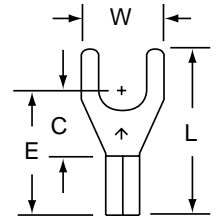




# Scotchlok™ Terminals

MU18-10FHT, MU14-10FHT, thru MU10-10FHT  
Standard Fork, High Temperature, Butted Seam



## Data Sheet

Product Number	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.
MU18-10FHT	22-18	10	0.34	0.29	0.70	0.54	0.030	0.25	0.070
MU14-10FHT	16-14	10	0.34	0.29	0.70	0.54	0.030	0.25	0.090
MU10-10FHT	12-10	10	0.38	0.28	0.73	0.53	0.040	0.25	0.135

## Specifications

Wire Size: See Table Above  
 Barrel Seam: Butted  
 Max. Continuous Temp: 900°F (482°C)  
 Max. Current: Same as Wire  
 Terminal Material: Steel  
 Terminal Plating: Nickel

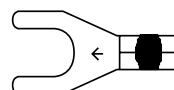
## Installation Information


### **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 (Electrical)

# Engineering Specification

Crimp-type terminals shall, electrically and mechanically, connect to a pre-stripped end of a stranded copper wire: and have a flat tongue portion with a central opening for mounting around a screw or stud.

The non-insulated, butted seam high-temperature standard fork terminal shall be nickel-plated, annealed steel, with the tongue having a specified stud slot (size 10) and with a 0.250" long butted seam barrel having a beveled I.D. for ease of stranded wire entry, sized for a specified (AWG) wire range (22-18, 16-14, 12-10).

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 78-8126-0482-1-A