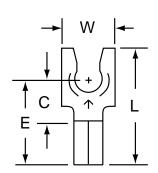
## **3M**

# Highland<sup>™</sup> Terminals

LF10-6 thru LF18-8 Locking Fork, Non-Insulated, Butted Seam



### **Data Sheet**

Product Number	Wire Range (AWG)	Stud Size	Max Lock Width	w	С	L	E	Thickness	Barrel Length	Barrel I.D.
LF10-6	12-10	6	0.30	0.28	0.28	0.73	0.53	0.040	0.25	0.135
LF10-8	12-10	8	0.35	0.32	0.28	0.73	0.53	0.040	0.25	0.135
LF10-10	12-10	10	0.36	0.32	0.28	0.73	0.53	0.040	0.25	0.135
LF10-14	12-10	1/4	0.48	0.43	0.44	0.94	0.69	0.040	0.25	0.135
LF14-6	16-14	6	0.27	0.25	0.25	0.68	0.50	0.030	0.25	0.090
LF14-8	16-14	8	0.34	0.30	0.25	0.68	0.50	0.030	0.25	0.090
LF14-10	16-14	10	0.35	0.32	0.25	0.68	0.50	0.030	0.25	0.090
LF18-4	22-18	4	0.27	0.25	0.25	0.68	0.50	0.030	0.25	0.070
LF18-6	22-18	6	0.27	0.25	0.25	0.68	0.50	0.030	0.25	0.070
LF18-8	22-18	8	0.34	0.30	0.25	0.68	0.50	0.030	0.25	0.070



UNDERWRITERS
LABORATORIES
STANDARD NO. UL 486A
3M FILE NO. E23438



CANADIAN STANDARDS ASSOCIATION STANDARD NO. C22.2 NO. 0. 65 3M FILE NO. LR22190

#### **Specifications**

Wire Size: Barrel Seam: Max. Current: Terminal Material: Plating: See Table Above Butted Same as Wire ETP Copper Tin

#### **Installation Information**

#### **<b>∆WARNING**

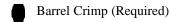
Turn power off before installing or removing terminal. All electrical work should be done according to appropriate electrical codes.

UL Listed and CSA Certified 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-440, TH-450 (scissor style), or TR-490 (ratchet style) hand tools.





#### **Engineering Specification**

Crimp-type terminals shall, electrically and mechnically, 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 terminal line shall offer tongue variations in hole (stud) size (6, 8 10, etc.) and configuration (ring, fork, block fork, flanged block fork, locking fork, etc.): and barrel variations in wire (AWG) size (22-18, 16-14, 12-10, etc.) and construction (non-insulated brazed seam, vinyl insulated butted seam, nylon insulated with insulation grip, etc.). The terminal line shall have regulatory agency coverage (UL Listing, CSA Certification). The terminal tongue shall be marked with the wire range and manufacturer's symbol (\(\bar{\Upsilon}\)).

The non-insulated, butted seam locking fork terminal shall be tin-plated, annealed copper, with the tongue having a specified stud slot (size 4 thru 1/4 in.) and a butted seam barrel with a beveled I.D. for ease of stranded wire entry, sized for a specified (AWG) wire range (22-18, 16-14, 12-10).

Non-insulated terminals shall be UL Listed and CSA Certified.

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#### **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

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