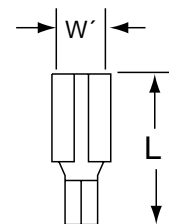




# Highland™ Terminals

FD14-187, FD18-187

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.
FD14-187	16-14	0.187 x 0.020	0.58	0.25	0.085
FD18-187	22-18	0.187 x 0.020	0.58	0.25	0.085



UNDERWRITERS  
LABORATORIES  
STANDARD NO. UL 310  
3M FILE NO. E70512



CANADIAN STANDARDS  
ASSOCIATION  
STANDARD NO. C22.2  
NO. 153  
3M FILE NO. LR22190

## Installation Information

### **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.

## Specifications

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

See Table Above  
Butted  
Same as Wire  
Brass  
Tin



Barrel Crimp (electrical)

Suitable for factory installation on steel or brass tabs, UL and CSA.

Suitable for field application on brass tabs, strain relief is required, UL only.

## Engineering Specification

Crimp-Type Female Disconnect Terminals shall, electrically and mechanically connect permanently to the 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 a tongue variations (sized to grip male tabs: 0.187" or 0.250") 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 Female Disconnect shall be tin plated 0.016" thick brass, with a tongue for gripping a 0.187" male tab of 0.20" thickness, and a butted seam barrel sized for specified (AWG) wire range (22-18, 16-14).

Non-Insulated connectors shall be UL Listed and CSA Certified. Female Disconnects shall be suitable for field or factory wiring, with a UL Recognized strain relief required.

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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.

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### Electrical Products Division

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

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