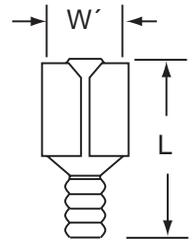




Specialty Terminals

71F-250-32, 72F-250-32

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.
71F-250-32	22-18	0.250 x 0.032	0.66	0.25	0.080
72F-250-32	16-14	0.250 x 0.032	0.66	0.25	0.080



UNDERWRITERS
LABORATORIES
STANDARD NO. UL 486C
3M FILE NO. E70512



CANADIAN STANDARDS
ASSOCIATION
STANDARD NO. 22.2
NO. 0, 65
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 wire only.

Strip away the end 1/4 inch of wire insulation.

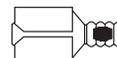
Make the crimp in the proper station of a recommended 3M crimp tool: TH-440, TH-450 (scissor style), or TR-490 (ratchet style) hand tools.

Specifications

Wire Size:
Barrel Seam:
Maximum Voltage Rating:

See Table Above
Butted
600 V Building Wire
1000 V signs or fixtures (Luminaires)
Same as Wire
Brass
Tin

Maximum Current:
Terminal Material:
Plating:



 Barrel Crimp (Electrical)

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

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

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: 0.187" x 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 0.250" Female Disconnect shall be tin plated 0.020" thick brass with a tongue for gripping a 0.250" Male Tab of 0.032" thickness and a butted seam barrel sized for a specified (AWG) wire range (22-18, 16-14).

Insulated connectors shall be UL Listed and CSA Certified for 600 V building wire: 1000 V signs or lighting fixtures (luminaires).

Female Disconnects shall be suitable for field or factory wiring, with a UL Recognized strain relief required.

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3M

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