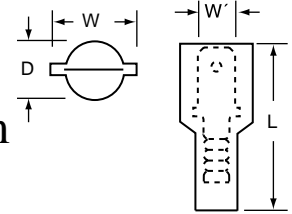




Highland™ Terminals

MTI10-250, MTI14-250, MTI18-250
Male Disconnect, Nylon Fully Insulated, Butted Seam



Data Sheet

Product Number	Wire Range (AWG)	Mates with Male Tab Width (W') x Thickness	L	W	D	Barrel Length	Barrel I.D.	Maximum Insulation Diameter
MTI10-250	12-10	0.250 x 0.032	1.05	0.47	0.39	0.25	0.150	0.250
MTI14-250	16-14	0.250 x 0.032	0.95	0.44	0.30	0.25	0.085	0.170
MTI18-250	22-18	0.250 x 0.032	0.95	0.44	0.30	0.25	0.065	0.145



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.

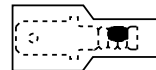
UL Listed and CSA Certified for use on stranded copper (AWG) wire only.


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:	See Table Above
Barrel Seam:	Butted
Max. Voltage Rating:	600 V Building Wire 1000 V Signs or Fixtures (Luminaires)
Max. Temperature Rating:	221°F (105°C)
Max. Current:	Same as Wire
Insulator Material:	Nylon
Terminal Material:	ETP Copper
Plating:	Tin



 Barrel Crimp (Electrical)

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

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