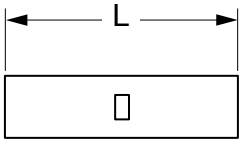
Scotchlok™ Terminals

M18BC, M14BC, M10BC
Butt Connector, Non-Insulated, Seamless



Data Sheet

Product Number	Wire Range (AWG)	L	Thickness	Barrel Length	Barrel I.D.
M18BC	22-18	0.63	0.031	0.28	0.062
M14BC	16-14	0.66	0.031	0.30	0.095
M10BC	12-10	0.81	0.038	0.38	0.142

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

CANADIAN STANDARDS ASSOCIATION
STANDARD NO. 22.2
NO. 0, 65
3M FILE NO. LR22190

Specifications

Wire Size:	See Table Above
Barrel Seam:	Seamless
Maximum Current:	Same as Wire
Terminal Material:	ETP Copper
Terminal Plating:	Tin

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.

Barrel Crimp (Required)

Engineering Specification

Crimp-type terminals shall, electrically and mechanically, connect permanently to the pre-stripped end of two stranded copper wires.

The connector line shall offer barrel variations in wire (AWG) size (22-18, 16-14, 12-10) and construction (non-insulated brazed seam, vinyl insulated butted seam, nylon insulated seamless, etc...). The connector line shall have regulatory agency coverage (UL Listing, CSA Certification). The connectors shall be marked with the wire range and manufacturer's symbol (↑).

The non-insulated, seamless butt connector shall be tin plated, annealed copper, having a double-length, round seamless barrel with a center stop, sized for a specified (AWG) wire range (22-18, 16-14, 12-10).

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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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