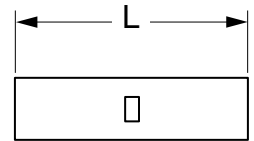




Scotchlok™ Terminals

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

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: | Seamless |
| Maximum Current: | Same as Wire |
| Terminal Material: | ETP Copper |
| Terminal Plating: | Tin |



● 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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