

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[3M](#)

[M18BCK](#)

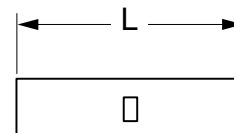
For any questions, you can email us directly:

sales@integrated-circuit.com

3M

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

See Table Above
 Seamless
 Same as Wire
 ETP Copper
 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).

3M and Scotchlok are trademarks of 3M.



is a trademark of Underwriters Laboratories.



is a trademark of Canadian Standards Association.

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.

Warranty; Limited Remedy; Limited Liability. This product will be free from defects in material and manufacture as of the date of purchase. **3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** If this product is defective within the warranty period stated above, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product. **Except where prohibited by law, 3M will not be liable for any loss or damage arising from this 3M product, whether direct, indirect, special, incidental or consequential regardless of the legal theory asserted.**



Electrical Products Division

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

Litho in USA.
© 3M 2002 78-8125-9669-6-A