



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

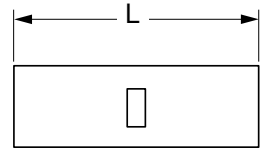




# Scotchlok™ Terminals

M8BC, M6BC, M4BC

Butt Connector, Non-Insulated, Brazed Seam



## Data Sheet

Product Number	Wire Range (AWG)	L	Thickness	Barrel Length	Barrel I.D.
M8BC	8	0.81	0.050	0.38	0.175
M6BC	6	1.02	0.050	0.47	0.250
M4BC	4	1.13	0.075	0.53	0.280



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 of wire insulation; 1/2 inch for 8 AWG, 9/16 inch for 6 AWG and 5/8 inch for 4 AWG.

Make the crimp in the proper station of a recommended 3M crimp tool: 3M TH-450 (for 8 and 6 AWG); (T & B) WT-115A, Burndy MY29-3.

## Specifications

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

See Table Above  
Braze  
Same as Wire  
ETP Copper  
Tin



● Barrel Crimp (Required)


## Engineering Specification

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

The connector line shall offer barrel variations in wire (AWG) size (8, 6, 4) 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, brazed seam butt connector shall be tin-plated, annealed copper, having a double-length, round brazed seam barrel, with a center stop, sized for a specified (AWG) wire range (8, 6, 4).

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### 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.

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Electrical Products Division

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

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