



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!



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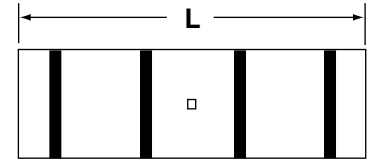




# Scotchlok™ Terminals

MC2BC thru MC250BC

Butt Connector, Non-Insulated, Seamless



## Data Sheet

Product Number	Color Code	Wire Range	L (in.)	Barrel I.D. (in.)
MC2BC	Brown	2 AWG	1.35	0.341
MC1BC	Green	1 AWG	1.35	0.365
MC1/0BC	Pink	1/0 AWG	1.55	0.412
MC1/0BC	Black	2/0 AWG	1.80	0.466
MC3/0BC	Orange	3/0 AWG	1.90	0.516
MC4/0BC	Purple	4/0 AWG	2.00	0.564
MC250BC	Yellow	250 kcmil	2.00	0.595



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.

One crimp with the proper tool and dies, centered between stripes on the barrel, secures the inserted stripped conductor.

## Specifications

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

See Table Above  
Seamless  
Same as Wire  
ETP Copper  
Tin



● Barrel Crimp (Required)

Wire Size AWG or MCM	Wire Insulation Strip Length Inches	Crimp Tool & Dies		
		Burndy MY29-3	T&B TBM5	AET 406
		Scale Setting	Die Color	Die Insert
2	9/16	2	Brown	C
1	5/8	1	Green	C
1/0	3/4	1/0	Pink	B
2/0	7/8	2/0	Black	B
3/0	15/16	3/0	Orange	none
4/0	1	4/0	Purple	none
250	1	250	Purple	----

## 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 or MCM) size (#2 to 250 MCM). The connector line shall have regulatory agency coverage (UL Listing). The connectors shall be marked with the wire range and manufacturer's symbol (↑) and catalog number.

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 specified (AWG or MCM) wire range (2 AWG thru 250 MCM).

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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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