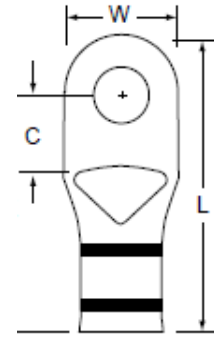


# 3M™ Scotchlok™ Terminals

MC2-14R thru MC250-12R

Ring Tongue, Non-Insulated, Seamless



Data Sheet

January 2009

Product Number	Color Code	Wire Range (AWG)	Stud Size	W	C	L	Thickness	Barrel I.D.
MC2-14R	Brown	2	1/4	.65	.41	1.69	.10	.34
MC2-516R	Brown	2	5/16	.65	.41	1.69	.10	.34
MC2-38	Brown	2	3/8	.65	.41	1.69	.10	.34
MC1-14R	Green	1	1/4	.65	.43	1.71	.10	.36
MC1-516R	Green	1	5/16	.65	.43	1.71	.10	.36
MC1-38R	Green	1	3/8	.68	.43	1.71	.10	.36
MC1/0-14R	Pink	1/0	1/4	.75	.38	1.84	.10	.41
MC1/0-38R	Pink	1/0	3/8	.75	.42	1.84	.10	.41
MC1/0-12R	Pink	1/0	1/2	.75	.42	1.84	.10	.41
MC2/0-14R	Black	2/0	1/4	.83	.48	2.05	.10	.46
MC2/0-38R	Black	2/0	3/8	.83	.48	2.05	.10	.46
MC2/0-12R	Black	2/0	1/2	.83	.48	2.05	.10	.46
MC3/0-38R	Orange	3/0	3/8	.91	.50	2.24	.12	.51
MC3/0-12R	Orange	3/0	1/2	.91	.50	2.24	.12	.51
MC4/0-38R	Purple	4/0	3/8	1.00	.52	2.29	.125	.56
MC4/0-12R	Purple	4/0	1/2	1.00	.52	2.29	.125	.56
MC250-38R	Yellow	250 kcmil	3/8	1.13	.60	2.43	.14	.63
MC250-12R	Yellow	250 kcmil	1/2	1.13	.60	2.43	.14	.63

## Specifications

Wire Size:	See Table Above
Seam Style:	Seamless
Maximum Current:	Same as Wire
Terminal Material:	Copper
Terminal Planting:	Tin

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## Installation Information

### **WARNING**

Turn power off before installing or removing terminal. All electrical work should be done according to appropriate electrical codes.

UL Listed for use on stranded copper wire only. UL File E116848.  
See chart below for the proper strip length, tool, and crimp die.



 **Barrel Crimp (Required)**

Wire Size AWG or MCM	Strip Length	Crimp Tool and Die	
		Burndy MY29-3 Scale Setting	T&B TBM5 Die Color
2	.5 inch	4	Brown
1	.6 inch	2	Green
1/0	.6 inch	1/0	Pink
2/0	.7 inch	2/0	Black
3/0	.75 inch	3/0	Orange
4/0	.84 inch	4/0	Purple
250	.84 inch	U29RT	Yellow

## Engineering Specification

Crimp-type terminals shall electrically and mechanically connect to a pre-stripped end of a stranded copper wire and have a flat tongue portion with a central opening for mounting around various sizes of a screw or stud. The terminal material shall be copper with tin plating. The product line shall offer variations in wire size from #2 AWG to 250MCM.

## Shelf-life & storage

This product has a 5-year shelf life from date of manufacture when stored in a humidity controlled storage (50°F/10°C to 80°F/27°C and <75% relative humidity).

## Availability

Please contact your local distributor, available from [3M.com/electrical](http://3M.com/electrical) [Where to Buy] or call 1-800-245-3573.

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