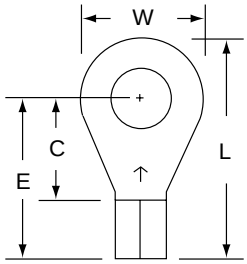
Scotchlok™ Terminals

MU18-4R/S thru MU10-516R/S
Ring Tongue, Non-Insulated, Butted Seam



Data Sheet

Product Number	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.
MU18-4R/S	22-18	4	0.25	0.22	0.60	0.47	0.030	0.25	0.070
MU18-6R/S	22-18	6	0.25	0.22	0.60	0.47	0.030	0.25	0.070
MU18-8R/L	22-18	8	0.31	0.33	0.74	0.58	0.030	0.25	0.070
MU18-10R/L	22-18	10	0.31	0.33	0.74	0.58	0.030	0.25	0.070
MU18-14R/S	22-18	¼	0.47	0.40	0.89	0.65	0.030	0.25	0.070
MU18-38R	22-18	⅜	0.56	0.40	0.93	0.65	0.030	0.25	0.070
MU14-4R/S	16-14	4	0.25	0.22	0.60	0.47	0.030	0.25	0.090
MU14-6R/S	16-14	6	0.25	0.22	0.60	0.47	0.030	0.25	0.090
MU14-8R/L	16-14	8	0.25	0.22	0.74	0.58	0.030	0.25	0.090
MU14-10R	16-14	10	0.33	0.29	0.70	0.54	0.030	0.25	0.090
MU14-10R/L	16-14	10	0.31	0.33	0.74	0.58	0.030	0.25	0.090
MU14-14R/S	16-14	¼	0.47	0.40	0.89	0.65	0.030	0.25	0.090
MU10-4R/S	12-10	4	0.28	0.29	0.68	0.54	0.040	0.25	0.135
MU10-6R	12-10	6	0.38	0.29	0.73	0.54	0.040	0.25	0.135
MU10-8R	12-10	8	0.38	0.29	0.73	0.54	0.040	0.25	0.135
MU10-10R	12-10	10	0.38	0.29	0.73	0.54	0.040	0.25	0.135
MU10-14R/S	12-10	¼	0.53	0.44	0.96	0.69	0.040	0.25	0.135
MU10-516R/S	12-10	5⁄16	0.53	0.44	0.96	0.69	0.040	0.25	0.135

UNDERWRITERS
LABORATORIES
STANDARD NO. UL 486A
3M FILE NO. E23438

CANADIAN STANDARDS
ASSOCIATION
STANDARD NO. C22.2
NO. 0. 65
3M FILE NO. LR22190

Specifications

Wire Size:	See Table Above
Barrel Seam:	Butted
Max. Current:	Same as Wire
Terminal Material:	ETP Copper
Terminal Plating:	Tin

Installation Information

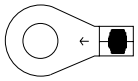
⚠ WARNING

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.



Barrel Crimp (Electrical)

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 a screw or stud.

The terminal line shall offer tongue variations in hole (stud) size (6, 8 10, etc.) and configuration (ring, fork, block fork, flanged block fork, locking fork, etc.): and barrel variations in wire (AWG) size (22-18, 16-14, 12-10, etc.) and construction (non-insulated brazed seam, vinyl insulated butted seam, nylon insulated with insulation grip, etc.). The terminal line shall have regulatory agency coverage (UL Listing, CSA Certification). The terminal tongue shall be marked with the wire range and manufacturer's symbol (↑).

The non-insulated, butted seam ring tongue terminal shall be tin-plated, annealed copper, with the tongue having a specified stud hole (size 4 thru 5/16 in.) and a butted seam barrel with a beveled I.D. for ease of stranded wire entry, sized for a specified (AWG) wire range (22-18, 16-14, 12-10).

Non-insulated terminals shall be UL Listed and CSA Certified.

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IMPORTANT NOTICE

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