



**THE DATASHEET OF**  
**13-500-W**



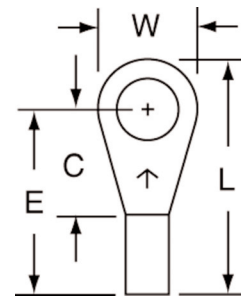
## Non-Insulated Brazed Seam Ring Tongue

Terminal Type Ring  
 Terminal Style Standard  
 Insulation Material Non-Insulated  
 Barrel Style Brazed  
 RoHS 2011/65/EU Yes

Agency Approval



Manufacturing Origin



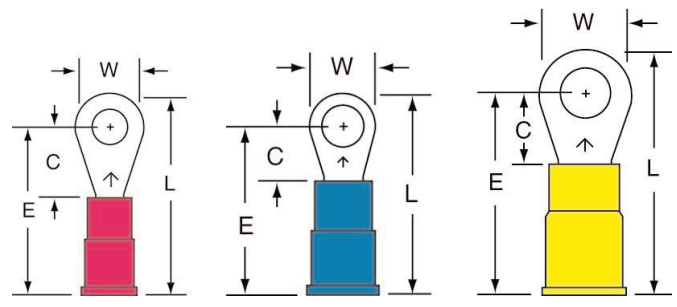
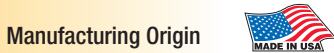
Product No.	UPC	Conductor Size	Stud Size	(W)	(C)	(L)	(E)	Thickness	Barrel I.D.
11-2S-W	054007-27927	22 - 18 AWG	2	0.25"	0.23"	0.60"	0.48"	0.030"	0.070"
11-4S-W	054007-27928	22 - 18 AWG	4	0.25"	0.22"	0.60"	0.47"	0.030"	0.070"
11-6S-W	054007-27930	22 - 18 AWG	6	0.25"	0.22"	0.60"	0.47"	0.030"	0.070"
L-11-6-W	054007-27933	22 - 18 AWG	6	0.31"	0.33"	0.74"	0.58"	0.030"	0.070"
11-8-W	054007-27935	22 - 18 AWG	8	0.33"	0.29"	0.70"	0.54"	0.030"	0.070"
L-11-8-W	054007-27936	22 - 18 AWG	8	0.31"	0.33"	0.74"	0.58"	0.030"	0.070"
11-10-W	054007-27937	22 - 18 AWG	10	0.33"	0.29"	0.70"	0.54"	0.030"	0.070"
L-11-10-W	054007-27938	22 - 18 AWG	10	0.31"	0.33"	0.74"	0.58"	0.030"	0.070"
11-14S-W	054007-27939	22 - 18 AWG	1/4"	0.47"	0.40"	0.89"	0.65"	0.030"	0.070"
11-56S-W	054007-27941	22 - 18 AWG	5/16"	0.47"	0.40"	0.88"	0.65"	0.030"	0.070"
11-38-W	054007-27943	22 - 18 AWG	3/8"	0.56"	0.40"	0.88"	0.65"	0.030"	0.070"
12-4S-W	054007-28330	16 - 14 AWG	4	0.25"	0.22"	0.60"	0.47"	0.030"	0.090"
12-6S-W	054007-28332	16 - 14 AWG	6	0.25"	0.22"	0.60"	0.47"	0.030"	0.090"
12-6-W	054007-28333	16 - 14 AWG	6	0.33"	0.29"	0.70"	0.54"	0.030"	0.090"
L-12-6-W	054007-28334	16 - 14 AWG	6	0.31"	0.33"	0.74"	0.58"	0.030"	0.090"
12-8S-W	054007-28335	16 - 14 AWG	8	0.25"	0.22"	0.60"	0.47"	0.030"	0.090"
12-8-W	054007-28336	16 - 14 AWG	8	0.33"	0.29"	0.70"	0.54"	0.030"	0.090"
L-12-8-W	054007-28337	16 - 14 AWG	8	0.31"	0.33"	0.74"	0.58"	0.030"	0.090"
12-10-W	054007-28338	16 - 14 AWG	10	0.33"	0.29"	0.70"	0.54"	0.030"	0.090"
L-12-10-W	054007-28339	16 - 14 AWG	10	0.31"	0.33"	0.74"	0.58"	0.030"	0.090"
12-14S-W	054007-28340	16 - 14 AWG	1/4"	0.47"	0.40"	0.89"	0.65"	0.030"	0.090"
12-14-W	054007-28341	16 - 14 AWG	1/4"	0.56"	0.40"	0.93"	0.65"	0.030"	0.090"
12-38-W	054007-28344	16 - 14 AWG	3/8"	0.56"	0.40"	0.93"	0.65"	0.030"	0.090"
12-56S-W	054007-28342	16 - 14 AWG	5/16"	0.47"	0.40"	0.89"	0.65"	0.030"	0.090"
12-56-W	054007-28343	16 - 14 AWG	5/16"	0.56"	0.40"	0.93"	0.65"	0.030"	0.090"
13-6S-W	054007-28734	12 - 10 AWG	6	0.28"	0.29"	0.68"	0.54"	0.040"	0.135"
13-6-W	054007-28735	12 - 10 AWG	6	0.38"	0.29"	0.73"	0.54"	0.040"	0.135"
13-8S-W	054007-28736	12 - 10 AWG	8	0.28"	0.29"	0.68"	0.54"	0.040"	0.135"
13-8-W	054007-28737	12 - 10 AWG	8	0.38"	0.29"	0.73"	0.54"	0.040"	0.135"
13-10-W	054007-28738	12 - 10 AWG	10	0.38"	0.29"	0.73"	0.54"	0.040"	0.135"
13-14S-W	054007-28739	12 - 10 AWG	1/4"	0.54"	0.44"	0.96"	0.69"	0.040"	0.135"
13-14-W	054007-28740	12 - 10 AWG	1/4"	0.59"	0.44"	0.99"	0.69"	0.040"	0.135"
13-56S-W	054007-28741	12 - 10 AWG	5/16"	0.54"	0.44"	0.96"	0.69"	0.040"	0.135"
13-56-W	054007-28742	12 - 10 AWG	5/16"	0.59"	0.44"	0.99"	0.69"	0.040"	0.135"
13-38S-W	054007-28743	12 - 10 AWG	3/8"	0.54"	0.44"	0.96"	0.69"	0.040"	0.135"
13-38-W	054007-28744	12 - 10 AWG	3/8"	0.59"	0.44"	0.99"	0.69"	0.040"	0.135"
13-500-W	054007-28746	12 - 10 AWG	1/2"	0.75"	0.57"	1.19"	0.82"	0.040"	0.135"
14-10S-W	054007-29074	8 AWG	10	0.47"	0.40"	0.95"	0.72"	0.050"	0.175"

### Non-Insulated Brazed Seam Ring Tongue (continued)

Product No.	UPC	Conductor Size	Stud Size	(W)	(C)	(L)	(E)	Thickness	Barrel I.D.
14-14S-W	054007-29076	8 AWG	1/4"	0.47"	0.40"	0.95"	0.72"	0.050"	0.175"
14-56-W	054007-29078	8 AWG	5/16"	0.59"	0.45"	1.06"	0.77"	0.050"	0.175"
14-38-W	054007-29079	8 AWG	3/8"	0.59"	0.45"	1.06"	0.77"	0.050"	0.175"
14-716S-W	054007-29080	8 AWG	7/16"	0.81"	0.69"	1.41"	1.00"	0.050"	0.175"
14-500-W	000000-00000	8 AWG	1/2"	0.81"	0.69"	1.41"	1.00"	0.050"	0.175"
14-500S-W	054007-29082	8 AWG	1/2"	0.81"	0.69"	1.41"	1.00"	0.050"	0.175"
15-10S-W	054007-29102	6 AWG	10	0.47"	0.52"	1.14"	0.91"	0.050"	0.250"
15-14S-W	054007-29104	6 AWG	1/4"	0.47"	0.52"	1.14"	0.91"	0.050"	0.250"
15-56-W	054007-29106	6 AWG	5/16"	0.63"	0.52"	1.22"	0.91"	0.050"	0.250"
15-38-W	054007-29107	6 AWG	3/8"	0.63"	0.52"	1.22"	0.91"	0.050"	0.250"
15-500S-W	054007-29110	6 AWG	1/2"	0.81"	0.63"	1.42"	1.02"	0.050"	0.250"
15-58-W	054007-29112	6 AWG	5/8"	1.13"	1.02"	1.97"	1.41"	0.050"	0.250"
16-10-W	054007-29130	4 AWG	10	0.68"	0.53"	1.34"	1.00"	0.075"	0.280"
16-14-W	054007-29131	4 AWG	1/4"	0.68"	0.53"	1.34"	1.00"	0.075"	0.280"
16-56-W	054007-29132	4 AWG	5/16"	0.68"	0.53"	1.34"	1.00"	0.075"	0.280"
16-38-W	054007-29133	4 AWG	3/8"	0.68"	0.53"	1.34"	1.00"	0.075"	0.280"
16-500S-W	054007-29136	4 AWG	1/2"	0.68"	0.53"	1.34"	1.00"	0.075"	0.280"

### Vinyl Insulated Butted Seam Ring Tongue

- Terminal Type: Ring
- Terminal Style: Standard
- Insulation Material: Vinyl
- Barrel Style: Butted
- RoHS 2011/65/EU: Yes
- Agency Approval: 





Product No.	UPC	Conductor Size	Stud Size	(W)	(C)	(L)	(E)	Thickness	Barrel I.D.	Max. Insul. Dia.
11-4S-P	054007-27894	22 - 18 AWG	4	0.25"	0.22"	0.80"	0.67"	0.030"	0.070"	0.145"
11-6S-P	054007-27896	22 - 18 AWG	6	0.25"	0.22"	0.80"	0.67"	0.030"	0.070"	0.145"
L-11-6-P	054007-27899	22 - 18 AWG	6	0.31"	0.33"	0.93"	0.78"	0.030"	0.070"	0.145"
11-8S-P	054007-27900	22 - 18 AWG	8	0.25"	0.22"	0.80"	0.67"	0.030"	0.070"	0.145"
11-8-P	054007-27901	22 - 18 AWG	8	0.33"	0.29"	0.90"	0.74"	0.030"	0.070"	0.145"
L-11-8-P	054007-27902	22 - 18 AWG	8	0.31"	0.33"	0.93"	0.78"	0.030"	0.070"	0.145"
11-10-P	054007-27903	22 - 18 AWG	10	0.33"	0.29"	0.90"	0.74"	0.030"	0.070"	0.145"
L-11-10-P	054007-27904	22 - 18 AWG	10	0.31"	0.33"	0.93"	0.78"	0.030"	0.070"	0.145"
11-14S-P	054007-27905	22 - 18 AWG	1/4"	0.47"	0.40"	1.08"	0.85"	0.030"	0.070"	0.145"
11-56S-P	054007-27907	22 - 18 AWG	5/16"	0.47"	0.40"	1.08"	0.85"	0.030"	0.070"	0.145"
11-38-P	054007-27909	22 - 18 AWG	3/8"	0.56"	0.40"	1.13"	0.85"	0.030"	0.070"	0.145"
12-4S-P	054007-28298	16 - 14 AWG	4	0.25"	0.22"	0.80"	0.67"	0.030"	0.070"	0.145"
12-6S-P	054007-28300	16 - 14 AWG	6	0.25"	0.22"	0.80"	0.67"	0.030"	0.070"	0.145"
12-6-P	054007-28301	16 - 14 AWG	6	0.33"	0.29"	0.90"	0.74"	0.030"	0.090"	0.170"
L-12-6-P	054007-28302	16 - 14 AWG	6	0.31"	0.33"	0.93"	0.78"	0.030"	0.090"	0.170"

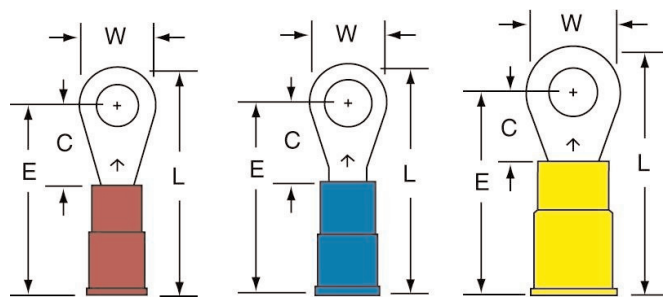
Specialty Wire Terminals, Kits and Tools

## Vinyl Insulated Butted Seam Ring Tongue (continued)

Product No.	UPC	Conductor Size	Stud Size	(W)	(C)	(L)	(E)	Thickness	Barrel I.D.	Max. Insul. Dia.
12-8-P	054007-28304	16 - 14 AWG	8	0.33"	0.29"	0.90"	0.74"	0.030"	0.070"	0.145"
L-12-8-P	054007-28305	16 - 14 AWG	8	0.31"	0.33"	0.93"	0.78"	0.030"	0.070"	0.145"
12-8S-P	054007-28303	16 - 14 AWG	8	0.25"	0.22"	0.80"	0.67"	0.030"	0.070"	0.145"
12-10-P	054007-28306	16 - 14 AWG	10	0.33"	0.29"	0.90"	0.74"	0.030"	0.070"	0.145"
L-12-10-P	054007-28307	16 - 14 AWG	10	0.31"	0.33"	0.93"	0.78"	0.030"	0.070"	0.145"
12-14S-P	054007-28308	16 - 14 AWG	1/4"	0.47"	0.40"	1.08"	0.85"	0.030"	0.070"	0.145"
12-14-P	054007-28309	16 - 14 AWG	1/4"	0.56"	0.40"	1.13"	0.85"	0.030"	0.090"	0.170"
12-56S-P	054007-28310	16 - 14 AWG	5/16"	0.47"	0.40"	1.08"	0.85"	0.030"	0.070"	0.145"
12-56-P	054007-28311	16 - 14 AWG	5/16"	0.56"	0.40"	1.13"	0.85"	0.030"	0.090"	0.170"
12-38-P	054007-28312	16 - 14 AWG	3/8"	0.56"	0.40"	1.13"	0.85"	0.030"	0.070"	0.145"
13-4S-P	054007-28705	12 - 10 AWG	4	0.28"	0.29"	0.98"	0.84"	0.040"	0.135"	0.250"
13-6S-P	054007-28706	12 - 10 AWG	6	0.28"	0.29"	0.98"	0.84"	0.040"	0.135"	0.250"
13-6-P	054007-28707	12 - 10 AWG	6	0.38"	0.29"	1.03"	0.84"	0.040"	0.135"	0.250"
13-8S-P	054007-28708	12 - 10 AWG	8	0.28"	0.29"	0.98"	0.84"	0.040"	0.135"	0.250"
13-8-P	054007-28709	12 - 10 AWG	8	0.38"	0.29"	1.03"	0.84"	0.040"	0.135"	0.250"
13-10-P	054007-28710	12 - 10 AWG	10	0.38"	0.29"	1.03"	0.84"	0.040"	0.135"	0.250"
13-14S-P	054007-28711	12 - 10 AWG	1/4"	0.53"	0.44"	1.26"	0.99"	0.040"	0.135"	0.250"
13-14-P	054007-28712	12 - 10 AWG	1/4"	0.59"	0.44"	1.29"	0.99"	0.040"	0.135"	0.250"
13-38S-P	054007-28715	12 - 10 AWG	3/8"	0.54"	0.44"	1.26"	0.99"	0.040"	0.135"	0.250"
13-56S-P	054007-28713	12 - 10 AWG	5/16"	0.53"	0.44"	1.26"	0.99"	0.040"	0.135"	0.250"
13-38-P	054007-28716	12 - 10 AWG	3/8"	0.59"	0.44"	1.29"	0.99"	0.040"	0.135"	0.250"
13-716-P	054007-28717	12 - 10 AWG	7/16"	0.75"	0.57"	1.49"	1.12"	0.040"	0.135"	0.250"
13-500-P	054007-28718	12 - 10 AWG	1/2"	0.75"	0.57"	1.50"	1.12"	0.040"	0.135"	0.250"

## Nylon Insulated with Insulation Grip Ring Tongue

**Terminal Type** Ring  
**Terminal Style** Standard  
**Insulation Material** Nylon with Insulation Grip  
**Barrel Style** Butted  
**RoHS 2011/65/EU** Yes  
**Agency Approval**   
**Manufacturing Origin**  With U.S. and Global Content



Product No.	UPC	Conductor Size	Stud Size	(W)	(C)	(L)	(E)	Thickness	Barrel I.D.	Max. Insul. Dia.
11-4S-NB	054007-27878	22 - 18 AWG	4	0.25"	0.22"	0.79"	0.66"	0.030"	0.070"	0.145"
11-6S-NB	054007-27880	22 - 18 AWG	6	0.25"	0.22"	0.79"	0.66"	0.030"	0.070"	0.145"
L-11-6-NB	054007-27882	22 - 18 AWG	6	0.31"	0.33"	0.92"	0.77"	0.030"	0.070"	0.145"
11-8S-NB	054007-27883	22 - 18 AWG	8	0.25"	0.22"	0.79"	0.66"	0.030"	0.070"	0.145"
11-8-NB	054007-27884	22 - 18 AWG	8	0.33"	0.29"	0.89"	0.73"	0.030"	0.070"	0.145"
L-11-8-NB	054007-27885	22 - 18 AWG	8	0.31"	0.33"	0.92"	0.77"	0.030"	0.070"	0.145"

### 3M™ Terminals: 3M™ Ring Tongues

## Nylon Insulated with Insulation Grip Ring Tongue (continued)

Product No.	UPC	Conductor Size	Stud Size	(W)	(C)	(L)	(E)	Thickness	Barrel I.D.	Max. Insul. Dia.
11-10-NB	054007-27886	22 - 18 AWG	10	0.33"	0.29"	0.89"	0.73"	0.030"	0.070"	0.145"
L-11-10-NB	054007-27887	22 - 18 AWG	10	0.31"	0.33"	0.92"	0.77"	0.030"	0.070"	0.145"
11-14S-NB	054007-27888	22 - 18 AWG	1/4"	0.47"	0.40"	1.07"	0.84"	0.030"	0.070"	0.145"
11-56S-NB	054007-27890	22 - 18 AWG	5/16"	0.47"	0.40"	1.07"	0.84"	0.030"	0.070"	0.145"
11-38-NB	054007-27892	22 - 18 AWG	3/8"	0.56"	0.40"	1.12"	0.84"	0.030"	0.070"	0.145"
12-4S-NB	054007-28282	16 - 14 AWG	4	0.25"	0.22"	0.81"	0.68"	0.030"	0.090"	0.170"
12-6S-NB	054007-28284	16 - 14 AWG	6	0.25"	0.22"	0.81"	0.68"	0.030"	0.090"	0.170"
12-6-NB	054007-28285	16 - 14 AWG	6	0.33"	0.29"	0.91"	0.75"	0.030"	0.090"	0.170"
L-12-6-NB	054007-28286	16 - 14 AWG	6	0.31"	0.33"	0.94"	0.79"	0.030"	0.090"	0.170"
12-8-NB	054007-28288	16 - 14 AWG	8	0.33"	0.29"	0.91"	0.75"	0.030"	0.090"	0.170"
12-8S-NB	054007-28287	16 - 14 AWG	8	0.25"	0.22"	0.81"	0.68"	0.030"	0.090"	0.170"
L-12-8-NB	054007-28289	16 - 14 AWG	8	0.31"	0.33"	0.94"	0.79"	0.030"	0.090"	0.170"
12-10-NB	054007-28290	16 - 14 AWG	10	0.33"	0.29"	0.91"	0.75"	0.030"	0.090"	0.170"
L-12-10-NB	054007-28291	16 - 14 AWG	10	0.31"	0.33"	0.94"	0.79"	0.030"	0.090"	0.170"
12-14-NB	054007-28293	16 - 14 AWG	1/4"	0.56"	0.40"	1.14"	0.86"	0.030"	0.090"	0.170"
12-14S-NB	054007-28292	16 - 14 AWG	1/4"	0.47"	0.40"	1.09"	0.86"	0.030"	0.090"	0.170"
12-56S-NB	054007-28294	16 - 14 AWG	5/16"	0.47"	0.40"	1.09"	0.86"	0.030"	0.090"	0.170"
12-56-NB	054007-28295	16 - 14 AWG	5/16"	0.56"	0.40"	1.14"	0.86"	0.030"	0.090"	0.170"
12-38-NB	054007-28296	16 - 14 AWG	3/8"	0.56"	0.40"	1.14"	0.86"	0.030"	0.090"	0.170"
13-4S-NB	054007-28691	12 - 10 AWG	4	0.28"	0.29"	0.98"	0.84"	0.040"	0.135"	0.250"
13-6S-NB	054007-28692	12 - 10 AWG	6	0.28"	0.29"	0.98"	0.84"	0.040"	0.135"	0.250"
13-6-NB	054007-28693	12 - 10 AWG	6	0.38"	0.29"	1.03"	0.84"	0.040"	0.135"	0.250"
13-8S-NB	054007-28694	12 - 10 AWG	8	0.28"	0.29"	0.98"	0.84"	0.040"	0.135"	0.250"
13-8-NB	054007-28695	12 - 10 AWG	8	0.38"	0.29"	1.03"	0.84"	0.040"	0.135"	0.250"
13-10-NB	054007-28696	12 - 10 AWG	10	0.38"	0.29"	1.03"	0.84"	0.040"	0.135"	0.250"
13-14S-NB	054007-28697	12 - 10 AWG	1/4"	0.53"	0.44"	1.26"	0.99"	0.040"	0.135"	0.250"
13-14-NB	054007-28698	12 - 10 AWG	1/4"	0.59"	0.44"	1.29"	0.99"	0.040"	0.135"	0.250"
13-56S-NB	054007-28699	12 - 10 AWG	5/16"	0.53"	0.44"	1.26"	0.99"	0.040"	0.135"	0.250"
13-56-NB	054007-28700	12 - 10 AWG	5/16"	0.59"	0.44"	1.29"	0.99"	0.040"	0.135"	0.250"
13-38S-NB	054007-28701	12 - 10 AWG	3/8"	0.54"	0.44"	1.26"	0.99"	0.040"	0.135"	0.250"
13-38-NB	054007-28702	12 - 10 AWG	3/8"	0.59"	0.44"	1.29"	0.99"	0.040"	0.135"	0.250"
13-716-NB	054007-28703	12 - 10 AWG	7/16"	0.75"	0.57"	1.49"	1.12"	0.040"	0.135"	0.250"
13-500-NB	054007-28704	12 - 10 AWG	1/2"	0.75"	0.57"	1.50"	1.12"	0.040"	0.135"	0.250"

## Looking for pricing, stock, or lifecycle information?

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## Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management