



PLASTI-GRIP

Product Facts

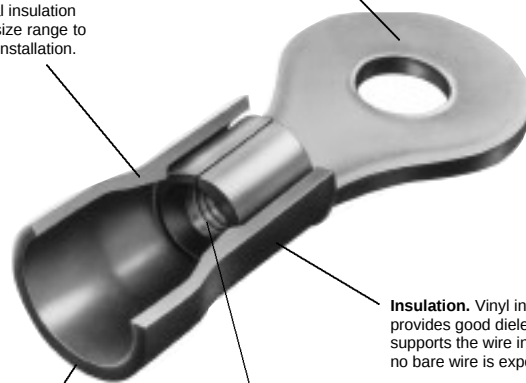
- Pre-insulated PLASTI-GRIP solderless terminals and splices
- Designed specifically to answer the need for inexpensive, insulated electrical terminations
- Can be used in almost every type of commercial application
- Accommodate wire sizes from 22 AWG through 2/0 AWG

The Crimp

- Carefully engineered application tooling has been developed to ensure uniformly high quality terminations
- Tool and terminal have been designed as a team to promote ease and speed of application and at the same time to provide precise crimping pressure for every wire size
- The wire and the terminal barrel form a homogeneous mass of metal, providing a connection of maximum conductivity, tensile strength, and high resistance to corrosion
- The quality performance, the facility of installation and the inherent simplicity make them ideal for many industrial applications

Color Coding. Terminal insulation is color-coded by wire size range to eliminate errors during installation.

Basic Terminal Material. The basic terminal is constructed of fine grade high conductivity copper per ASTM B-152 and tin-plated per ASTM B-545. Basic material for Spring Spade Tongue Terminals is phosphor bronze per ASTM B-139 or brass per ASTM B-36 and tin-plated per ASTM B-545. AMP's special plating process creates durable corrosion resistance to salt spray and most chemical fumes.



Insulation. Vinyl insulation sleeve provides good dielectric strength and supports the wire insulation so that no bare wire is exposed.

Funnel Entry. Assures rapid wire insertion during high speed production. (Except 8 to 2/0 range.)

Serrations. Serrations inside barrel provide maximum contact and tensile strength after crimping. Dimples on 8 to 2/0 range.

Temperature Rating: 90°C Max.

AMP PLASTI-GRIP Terminals and Splices (Use PLASTI-GRIP or PIDG Tooling)

AMP Wire Range	Listed	LR 7189 Certified	8 thru 4/0 600V
Except as noted with individual part number listing.			
22-16	Terminals, Butt & Parallel Splices 22-16 Solid or Stranded ¹		
16-14	Terminals, Butt & Parallel Splices 16-14 Solid or Stranded ¹	600 V Max. (1000 V Fixture or Sign) 90°C Max.	Recognized under the component program of Underwriters Laboratories Incorporated File No. E13288
12-10	Terminals, Butt & Parallel Splices 12-10 Solid or Stranded ¹		

Note: 22-16 terminals and splices are stamped 22-18 in accordance with MIL-T-7928.

¹Stranded wire only using TETRA-CRIMP tooling.

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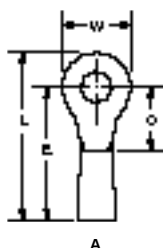
Splices

Butt	50
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PLASTI-GRIP (Continued)

Ring Tongue Terminals



Material

Insulation — Vinyl, UL 94V-0

Terminal Body — Copper per

ASTM B-152

Plating — Tin per ASTM B-545

Related Product Data

Insulation Color Code — pg. 4

Packaging Quantities — pg. 4

Performance Specifications —

pgs. 4 & 5

Application Tooling — pg. 72

Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Stud Size	Style	Dimensions				Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers	
				W	C Min.	E Max.	L Max.			Loose Piece	Tape Mounted
22-16 509-3,260 [0.26-1.65]	.033 0.84	2 M2	A	.218	.156	.572	.684	Red	.140 3.56	34140*	2-34140-1
				5.54	3.96	14.53	17.37			32944*	2-32944-1
		4	A	.218	.156	.572	.684	Red	.140 3.56	34141*	2-34141-1
				5.54	3.96	14.53	17.37			34143	2-34143-1
				.281	.250	.666	.809			34143	2-34143-1
				7.14	6.35	16.92	20.55			34143	2-34143-1
		6 M3.5	A	.218	.156	.572	.684	Red	.125 3.18	32945*	2-32945-1
				5.54	3.96	14.53	17.37			34142*	1-34142-1
				.218	.156	.572	.684	Red	.140 3.56	34142*	1-34142-1
				5.54	3.96	14.53	17.37			32947*	2-32947-1
				.281	.250	.666	.809	Red	.125 3.18	32947*	2-32947-1
				7.14	6.35	16.92	20.55			34144*	2-34144-1
				.281	.250	.666	.809	Red	.140 3.56	34144*	2-34144-1
				7.14	6.35	16.92	20.55			326819	2-326819-1
				.281	.250	.666	.809	Red	.170 4.32	—	2-35449-1
				7.14	6.35	16.92	20.55			—	2-35449-1
				.312	.281	.697	.856	Red	.125 3.18	32950	2-32950-1
				7.92	7.14	17.70	21.74			34147*	2-34147-1
				.312	.281	.697	.856	Red	.140 3.56	34147*	2-34147-1
				7.92	7.14	17.70	21.74			32948*	2-32948-1
		8 M4	A	.281	.250	.666	.809	Red	.125 3.18	32948*	2-32948-1
				7.14	6.35	16.92	20.55			34145*	2-34145-1
				.281	.250	.666	.809	Red	.140 3.56	34145*	2-34145-1
				7.14	6.35	16.92	20.55			32951*	2-32951-1
				.312	.281	.697	.856	Red	.125 3.18	32951*	2-32951-1
				7.92	7.14	17.70	21.74			34148*	2-34148-1
				.312	.281	.697	.856	Red	.140 3.56	34148*	2-34148-1
				7.92	7.14	17.70	21.74			—	2-34148-4
				.312	.281	.746	.905	Red	.200 5.08	—	2-34148-4
				7.92	7.14	18.95	22.99			—	2-34148-4
		10	A	.281	.250	.666	.809	Red	.125 3.18	32949*	2-32949-1
				7.14	6.35	16.92	20.55			34146*	2-34146-1
				.281	.250	.666	.809	Red	.140 3.56	34146*	2-34146-1
				7.14	6.35	16.92	20.55			2-34146-4	2-34146-5
				.281	.250	.666	.809	Red	.170 4.32	35451	2-35451-1
				7.14	6.35	16.92	20.55			32952*	2-32952-1
				.312	.281	.697	.856	Red	.125 3.18	32952*	2-32952-1
				7.92	7.14	17.70	21.74			34149*	2-34149-1
				.312	.281	.697	.856	Red	.140 3.56	34149*	2-34149-1
				7.92	7.14	17.70	21.74			—	2-34149-3
				.312	.281	.746	.905	Red	.200 5.08	—	2-34149-3
				7.92	7.14	18.95	22.99			—	2-34149-3
1/4 M6		A		.469	.437	.853	1.090	Red	.125 3.18	32953*	2-32953-1
				11.91	11.10	21.67	27.69			34150*	2-34150-1
				.469	.437	.853	1.090	Red	.140 3.56	34150*	2-34150-1
				11.91	11.10	21.67	27.69			—	2-34150-3
				.469	.437	.853	1.090	Red	.140 3.56	—	2-34150-3
				11.91	11.10	21.67	27.69			—	2-34150-3

*Available in small packaging quantities.

Note: "C" dimension applies from edge of metal wire barrel to center of stud hole. (Styles A & E).

**PLASTI-GRIP** (Continued)**Ring Tongue Terminals**

(Continued)

Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Stud Size	Style	Dimensions				Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers	
				W	C Min.	E Max.	L Max.			Loose Piece	Tape Mounted
22-16 509-3,260 [0.26-1.65]	.033 0.84	5/16 M8	A	.469 11.91	.437 11.10	.853 21.67	1.090 27.69	Red	.140 3.56	34151*	2-34151-1
				.469 11.91	.437 11.10	.853 21.67	1.090 27.69	Black	.140 3.56	—	2-34151-3
		3/8	A	.531 13.49	.546 13.87	.962 24.43	1.230 31.24	Red	.140 3.56	34152*	2-34152-2
				.531 13.49	.546 13.87	.962 24.43	1.230 31.24	Black	.140 3.56	—	2-34152-4
		4	A	.250 6.35	.171 4.34	.587 14.91	.715 18.16	Blue	.170 4.32	34157*	2-34157-1
				.250 6.35	.171 4.34	.587 14.91	.715 18.16	Blue	.145 3.68	32957*	2-32957-1
		6 M3.5	A	.250 6.35	.171 4.34	.587 14.91	.715 18.16	Blue	.170 4.32	34158*	2-34158-1
				.343 8.71	.281 7.14	.697 17.70	.871 22.12	Blue	.145 3.68	32958*	2-32958-1
				.343 8.71	.281 7.14	.697 17.70	.871 22.12	Blue	.170 4.32	34159*	2-34159-1
				.312 7.92	.250 6.35	.666 16.92	.825 20.96	Blue	.170 4.32	328527*	2-328527-1
16-14 2,050-5,180 [1.04-2.62]	.033 0.84	8 M4	A	.343 8.71	.281 7.14	.697 17.70	.871 22.12	Blue	.145 3.68	32959*	2-32959-1
				.343 8.71	.281 7.14	.697 17.70	.871 22.12	Blue	.170 4.32	34160*	2-34160-1
				.343 8.71	.281 7.14	.746 18.95	.920 23.37	Blue	.250 6.35	2-34160-2	2-34160-3
				.343 8.71	.281 7.14	.697 17.70	.871 22.12	Blue	.145 3.68	32960*	2-32960-1
		10	A	.343 8.71	.281 7.14	.697 17.70	.871 22.12	Blue	.170 4.32	34161*	2-34161-1
				.343 8.71	.281 7.14	.746 18.95	.920 23.37	Blue	.250 6.35	2-34161-2	2-34161-3
				.343 8.71	.281 7.14	.746 18.95	.920 23.37	Black	.250 6.35	—	2-34959-1
				.468 11.89	.312 7.92	.728 18.49	.965 24.51	Blue	.170 4.32	—	2-34954-1
		1/4 M6	A	.469 11.91	.437 11.10	.853 21.67	1.090 27.69	Blue	.145 3.68	32961*	2-32961-1
				.469 11.91	.437 11.10	.853 21.67	1.090 27.69	Blue	.170 4.32	34162*	2-34162-1
				.469 11.91	.437 11.10	.853 21.67	1.090 27.69	Black	.170 4.32	2-34162-2	2-34162-3
				.469 11.91	.437 11.10	.853 21.67	1.090 27.69	Blue	.170 4.32	34163*	2-34163-1
		3/8	A	.531 13.49	.546 13.87	.962 24.43	1.248 31.70	Blue	.170 4.32	34164*	2-34164-2
				.531 13.49	.546 13.87	.962 24.43	1.248 31.70	Black	.170 4.32	—	2-34164-4
16-14HD [†] 2,050-5,180 [1.04-2.62]	.050 1.27	6 M3.5	A	.281 7.14	.219 5.56	.810 20.57	.953 24.21	Yellow/Blk.	.200 5.08	34821	2-34821-1
		8 M4	A	.343 8.71	.281 7.14	.872 22.15	1.046 26.57	Yellow/Blk.	.200 5.08	34822 [†]	—
		10	A	.343 8.71	.281 7.14	.872 22.15	1.046 26.57	Yellow/Blk.	.200 5.08	34823* [†]	2-34823-1 [†]
				.343 8.71	.281 7.14	.872 22.15	1.046 26.57	Yellow/Blk.	.250 6.35	321518	2-321518-1

† Not UL or CSA Approved or Listed.

*Available in small packaging quantities.

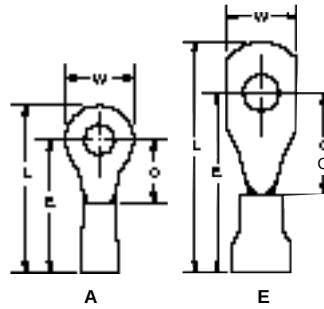
†Heavy Duty for extra mechanical strength.

Note: "C" dimension applies from edge of metal wire barrel to center of stud hole. (Styles A & E).

PLASTI-GRIP (Continued)

Ring Tongue Terminals

(Continued)



Material

Insulation — Vinyl, UL 94V-0
Terminal Body — Copper per
ASTM B-152
Plating — Tin per ASTM B-545

Related Product Data

Insulation Color Code — pg. 4
Packaging Quantities — pg. 4
Performance Specifications —
pgs. 4 & 5
Application Tooling — pgs. 72 & 73

Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Stud Size	Style	Dimensions				Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers	
				W	C Min.	E Max.	L Max.			Loose Piece	Tape Mounted
16-14HD ¹ 2,050-5,180 [1.04-2.62]	.050 1.27	1/4 M6	A	.500 12.70	.344 8.74	.935 23.75	1.188 30.18	Yellow/Blk.	.230 5.84	35349	2-35349-1
				.531 13.49	.437 11.10	1.028 26.11	1.296 32.92	Yellow/Blk.	.200 5.08	34824	2-34824-3
		5/16 M8	A	.531 13.49	.437 11.10	1.028 26.11	1.296 32.92	Yellow/Blk.	.200 5.08	34825	—
				.750 19.05	.625 15.88	1.216 30.89	1.594 40.49	Yellow/Blk.	.200 5.08	34826	—
		1/2 M12	A	.750 19.05	.625 15.88	1.216 30.89	1.594 40.49	Yellow/Blk.	.200 5.08	34827	—
12-10 5,180-13,100 [2.62-6.64]	.042 1.07	0	A	.281 7.14	.219 5.56	.810 20.57	.953 24.21	Yellow	.250 6.35	2-34835-4	—
				.281 7.14	.219 5.56	.810 20.57	.953 24.21	Yellow	.250 6.35	34835	2-34835-1
		6 M3.5	A	.281 7.14	.219 5.56	.810 20.57	.953 24.21	Yellow	.250 6.35	34852*	2-34852-1
				.375 9.53	.302 7.67	.893 22.68	1.098 27.89	Yellow	.230 5.84	34168*	2-34168-1
		8 M4	A	.312 7.92	.302 7.67	.893 22.68	1.062 26.97	Yellow	.250 6.35	—	696047-1
				.312 7.92	.302 7.67	.893 22.68	1.062 26.97	Yellow	.250 6.35	—	696048-1
				.375 9.53	.302 7.67	.893 22.68	1.098 27.89	Yellow	.230 5.84	34169*	2-34169-1
				.375 9.53	.302 7.67	.893 22.68	1.098 27.89	Yellow	.250 6.35	34853*	2-34853-1
		10	A	.312 7.92	.302 7.67	.893 22.68	1.052 26.72	Yellow	.230 5.84	330518	—
				.312 7.92	.302 7.67	.953 24.21	1.111 28.22	Yellow	.300 7.62	—	1-330518-2
				.375 9.53	.302 7.67	.893 22.68	1.083 27.51	Black	.250 6.35	—	2-328261-1
				.375 9.53	.302 7.67	.893 22.68	1.098 27.89	Yellow	.230 5.84	34170*	2-34170-1
				.375 9.53	.302 7.67	.893 22.68	1.098 27.89	Yellow	.250 6.35	34854*	2-34854-1
		1/4 M6	E	.400 10.16	.468 11.89	1.118 28.40	1.373 34.87	Yellow	.300 7.62	55678-1	55678-2
				.500 12.70	.344 8.74	.994 25.25	1.247 31.67	Black	.300 7.62	35492	—
				.531 13.49	.468 11.89	1.059 26.90	1.327 33.71	Yellow	.230 5.84	34171*	2-34171-1
				.531 13.49	.468 11.89	1.059 26.90	1.327 33.71	Yellow	.250 6.35	34855*	2-34855-1
				.531 13.49	.468 11.89	1.059 26.90	1.327 33.71	Yellow	.230 5.84	34172*	2-34172-1
		5/16 M8	A	.531 13.49	.468 11.89	1.059 26.90	1.327 33.71	Black	.230 5.84	—	2-34172-3
				.531 13.49	.468 11.89	1.059 26.90	1.327 33.71	Yellow	.250 6.35	34856*	2-34856-1
		3/8	A	.593 15.06	.531 13.49	1.122 28.50	1.421 36.09	Yellow	.230 5.84	34173*	2-34173-1
		1/2 M12	A	.750 19.05	.625 15.88	1.216 30.89	1.594 40.49	Yellow	.250 6.35	34837*	2-34837-4

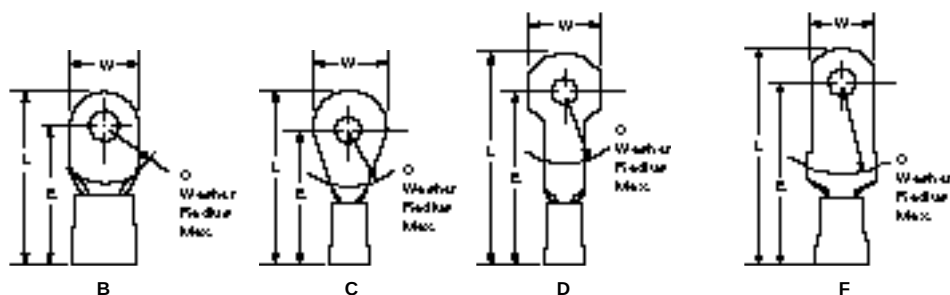
*Available in small packaging quantities.

¹Heavy Duty for extra mechanical strength.

Note: "C" dimension applies from edge of metal wire barrel to center of stud hole. (Styles A & E).

**PLASTI-GRIP** (Continued)**Ring Tongue Terminals**

(Continued)



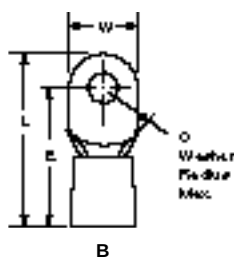
Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Stud Size	Style	Dimensions				Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers	
				W	C	E Max.	L Max.			Loose Piece	Tape Mounted
8 13,100-20,800 [6.64-10.5]	.043 1.09	8 M4	C	.478 12.14	.437 11.10	1.344 34.14	1.586 40.28	Red	.360 9.14	52041	52041-6
			D	.430 10.92	.437 11.10	1.363 34.62	1.605 40.77	Red	.360 9.14	—	54351-2
		10	B	.431 10.95	.437 11.10	1.338 33.99	1.556 39.52	Red	.360 9.14	52263	52263-2
				.431 10.95	.437 11.10	1.338 33.99	1.556 39.52	Red	.390 9.91	52263-5	52263-4
				.431 10.95	.437 11.10	1.358 34.49	1.576 40.03	Red	.330 8.38	52263-1	52263-3
				.431 10.95	.437 11.10	1.303 33.10	1.561 39.65	Red	.360 9.14	55621-1	55621-2
		1/4 M6	C	.478 12.14	.437 11.10	1.344 34.14	1.586 40.28	Red	.360 9.14	52041-1	52041-7
				.478 12.14	.437 11.10	1.358 34.49	1.600 40.64	Red	.330 8.38	52041-3*	52041-9
		5/16 M8	C	.587 14.91	.500 12.70	1.400 35.56	1.696 43.08	Red	.360 9.14	52291*	52291-4
		3/8	C	.587 14.91	.500 12.70	1.400 35.56	1.696 43.08	Red	.360 9.14	52291-1*	52291-5
		1/2 M12	A	.875 22.23	.625 15.88	1.420 36.07	1.860 47.24	Red	.330 8.38	52262-1	—
6 20,800-33,100 [10.5-16.8]	.048 1.22	8 M4	C	.500 12.70	.515 13.08	1.591 40.41	1.844 46.84	Blue	.436 11.07	52042	—
				.500 12.70	.515 13.08	1.591 40.41	1.869 47.47	Blue	.360 9.14	52042-2	—
		10	B	.468 11.89	.421 10.69	1.482 37.64	1.719 43.66	Blue	.360 9.14	—	52265-4
				.468 11.89	.421 10.69	1.482 37.64	1.719 43.66	Blue	.436 11.07	52265*	52265-3
				.500 12.70	.515 13.08	1.591 40.41	1.844 46.84	Blue	.436 11.07	52042-4	—
				.500 12.70	.515 13.08	1.591 40.41	1.869 47.47	Blue	.360 9.14	52042-5*	—
		1/4 M6	C	.398 10.11	.515 13.08	1.591 40.41	1.846 46.89	Blue	.450 11.43	55679-1	55679-2
				.500 12.70	.515 13.08	1.591 40.41	1.844 46.84	Blue	.436 11.07	52042-1	52042-7
				.500 12.70	.515 13.08	1.591 40.41	1.869 47.47	Blue	.360 9.14	52042-3*	52042-9
		5/16 M8	B	.625 15.88	.515 13.08	1.591 40.41	1.906 48.41	Blue	.450 11.43	52264*	52264-4
		3/8	B	.625 15.88	.515 13.08	1.591 40.41	1.906 48.41	Blue	.450 11.43	52264-1*	52264-5
		1/2 M12	C	.815 20.70	.515 13.08	1.441 36.60	1.851 47.02	Blue	.436 11.07	52350*	—

*Available in small packaging quantities.

Note: "C" dimension applies from edge of metal wire barrel to center of stud hole. (Styles A & E).

**PLASTI-GRIP** (Continued)**Ring Tongue Terminals**

(Continued)

**Material****Insulation** — Vinyl, UL 94V-0**Terminal Body** — Copper per

ASTM B-152

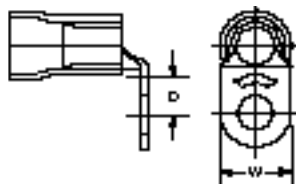
Plating — Tin per ASTM B-545**Related Product Data****Insulation Color Code** — pg. 4**Packaging Quantities** — pg. 4**Performance Specifications** —

pgs. 4 & 5

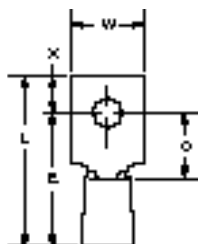
Application Tooling — pg. 73

Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Stud Size	Style	Dimensions				Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers	
				W	C	E Max.	L Max.			Loose Piece	Tape Mounted
4 33,100-52,600 [16.8-26.7]	.051 1.30	10	B	.546	.531	1.672	1.948	Yellow	.450	52043-2	—
				13.87	13.49	42.47	49.48		11.43		
			B	.546	.531	1.672	1.948	Yellow	.515	52043	52043-4
				13.87	13.49	42.47	49.48		13.08		
		1/4 M6	B	.391	.531	1.672	1.927	Yellow	.450	—	55680-2
				9.93	13.49	42.47	48.95		11.43		
			B	.546	.531	1.672	1.948	Yellow	.450	52043-3*	52043-7
				13.87	13.49	42.47	49.48		11.43		
		5/16 M8	B	.546	.531	1.672	1.948	Yellow	.515	52043-1	52043-5
				13.87	13.49	42.47	49.48		13.08		
			B	.679	.531	1.672	2.014	Yellow	.450	52266-3	52266-9
				17.25	13.49	42.47	51.16		11.43		
2 52,600-83,700 [26.7-42.4]	.060 1.52	3/8	B	.679	.531	1.672	2.014	Yellow	.515	52266	—
				17.25	13.49	42.47	51.16		13.08		
			B	.679	.531	1.672	2.014	Yellow	.450	52266-4*	1-52266-0
				17.25	13.49	42.47	51.16		11.43		
		1/4 M6	B	.679	.531	1.672	2.014	Yellow	.515	52266-1	—
				17.25	13.49	42.47	51.16		13.08		
			B	.675	.578	1.731	2.071	Red	.560	52267-1	—
				17.15	14.68	43.97	52.60		14.22		
		5/16 M8	B	.675	.578	1.731	2.071	Red	.632	52267	—
				17.15	14.68	43.97	52.60		16.05		
			B	.711	.578	1.731	2.089	Red	.560	52044-4	—
				18.06	14.68	43.97	53.06		14.22		
1/0 83,700-119,500 [42.4-60.6]	.073 1.85	3/8	B	.711	.578	1.731	2.089	Red	.632	52044-1	—
				18.06	14.68	43.97	53.06		16.05		
			B	.711	.578	1.731	2.089	Red	.560	52044-5	—
				18.06	14.68	43.97	53.06		14.22		
		5/16 M8	B	.711	.578	1.731	2.089	Red	.632	52044-2	—
				18.06	14.68	43.97	53.06		16.05		
			B	.807	.625	2.041	2.447	Blue	.684	52045-1	—
				20.50	15.88	51.84	62.15		17.37		
		3/8	B	.807	.625	2.041	2.447	Blue	.665	52045-5	—
				20.50	15.88	51.84	62.15		16.89		
			B	.807	.625	2.041	2.447	Blue	.684	52045-2	—
				20.50	15.88	51.84	62.15		17.37		
2/0 119,500-150,500 [60.6-76.3]	.083 2.11	1/2 M12	B	.875	.625	2.041	2.478	Blue	.684	52289	—
		5/16 M8	B	.926	.625	2.082	2.477	Yellow	.775	52046-1	—
				23.52	15.88	52.88	62.92		19.69		

*Available in small packaging quantities.

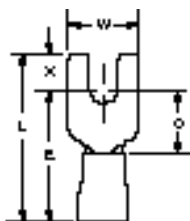
**PLASTI-GRIP** (Continued)**Ring Tongue
90° Bend Terminals****Material****Insulation** — Vinyl, UL 94V-0**Terminal Body** — Copper per ASTM B-152**Plating** — Tin per ASTM B-545**Related Product Data****Insulation Color Code** — pg. 4**Packaging Quantities** — pg. 4**Performance Specifications** — pgs. 4 & 5**Application Tooling** — pg. 73

Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions		Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers	
			W	D Min.			Loose Piece	
8 13,100-20,800 [6.64-10.5]	.043 1.09	10	.431 10.95	.311 7.90	Red	.360 9.14		55654-1
		1/4 M6	.478 12.14	.435 11.05	Red	.360 9.14		54725-1
6 20,800-33,100 [10.5-16.8]	.048 1.22	10	.500 12.70	.310 7.87	Blue	.436 11.07		54753-1
		1/4 M6	.500 12.70	.379 9.63	Blue	.436 11.07		54754-1

**Rectangular
Tongue Terminals****Material****Insulation** — Vinyl, UL 94V-0**Terminal Body** — Copper per ASTM B-152**Plating** — Tin per ASTM B-545**Related Product Data****Insulation Color Code** — pg. 4**Packaging Quantities** — pg. 4**Performance Specifications** — pgs. 4 & 5**Application Tooling** — pg. 72

Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions					Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers	
			W	C Min.	E Max.	L Max.	X			Loose Piece	Tape Mounted
16-14 2,050-5,180 [1.04-2.62]	.033 0.84	6 M3.5	.249 6.32	.312 7.92	.728 18.49	.868 22.05	.125 3.18	Blue	.145 3.68	34898	—

Note: "C" dimension applies from edge of metal wire barrel to center of stud hole.

**PLASTI-GRIP** (Continued)**Spade Tongue Terminals****Material****Insulation** — Vinyl, UL 94V-0**Terminal Body** — Copper per

ASTM B-152

Plating — Tin per ASTM B-545**Related Product Data****Insulation Color Code** — pg. 4**Packaging Quantities** — pg. 4**Performance Specifications** —

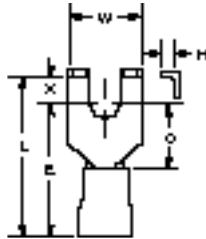
pgs. 4 & 5

Application Tooling — pg. 72

Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions					Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers			
			W	C Min.	E Max.	L Max.	X			Loose Piece	Tape Mounted		
22-16 509-3,260 [0.26-1.65]	.033 0.84	6 M3.5	.250 6.35	.312 7.92	.728 18.49	.858 21.79	.125 3.18	Red	.140 3.56	327043*	2-327043-1		
			.297 7.54	.203 5.16	.619 15.72	.765 19.43	.141 3.58	Red	.125 3.18	327735*	2-327735-1		
			.297 7.54	.203 5.16	.619 15.72	.765 19.43	.141 3.58	Red	.140 3.56	320665*	2-320665-1		
			.307 7.80	.245 6.22	.661 16.79	.836 21.23	.175 4.45	Red	.140 3.56	696003-1	696003-2		
			.375 9.53	.312 7.92	.728 18.49	.920 23.37	.187 4.75	Red	.120 3.18	32981	2-32981-1		
			.375 9.53	.312 7.92	.728 18.49	.920 23.37	.187 4.75	Red	.140 3.56	34155*	2-34155-1		
		10	.375 9.53	.312 7.92	.728 18.49	.920 23.37	.187 4.75	Red	.140 3.56	34156*	2-34156-1		
			5	.237 6.02	.312 7.92	.728 18.49	.865 21.97	.125 3.18	Blue	.145 3.68	696006-1 [†]	—	
				6 M3.5	.297 7.54	.203 5.16	.619 15.72	.765 19.43	.141 3.58	Blue	.145 3.68	322994*	2-322994-1
					.297 7.54	.203 5.16	.619 15.72	.765 19.43	.141 3.58	Blue	.170 4.32	54367-1	54367-2
					.385 9.78	.312 7.92	.728 18.49	.920 23.37	.187 4.75	Blue	.170 4.32	34165*	—
				8 M4	.297 7.54	.203 5.16	.619 15.72	.765 19.43	.141 3.58	Blue	.170 4.32	326741	2-326741-1
.307 7.80	.245 6.22	.661 16.79			.836 21.23	.175 4.45	Blue	.170 4.32	696024-1	696024-2			
.385 9.78	.312 7.92	.728 18.49	.920 23.37		.187 4.75	Blue	.170 4.32	34166*	2-34166-1				
10	.385 9.78	.312 7.92	.728 18.49	.920 23.37	.187 4.75	Blue	.170 4.32	34167*	2-34167-1				
	5	.237 6.02	.296 7.52	.887 22.53	1.095 27.81	.203 5.16	Yellow	.230 5.84	696007-1 [†]	—			
10		.406 10.31	.296 7.52	.887 22.53	1.095 27.81	.203 5.16	Yellow	.230 5.84	34176*	2-34176-1			

*Available in small packaging quantities.

[†] Gold**Note:** "C" dimension applies from edge of metal wire barrel to center of stud hole.

**PLASTI-GRIP** (Continued)**Flanged Spade Tongue Terminals****Material****Insulation** — Vinyl, UL 94V-0**Terminal Body** — Copper per ASTM B-152**Plating** — Tin per ASTM B-545**Related Product Data****Insulation Color Code** — pg. 4**Packaging Quantities** — pg. 4**Performance Specifications** — pgs. 4 & 5**Application Tooling** — pg. 72

Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions						Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers	
			W	C Min.	E Max.	L Max.	X	H Min.			Loose Piece	Tape Mounted
22-16 509-3,260 [0.26-1.65]	.033 0.84	6 M3.5	.296 7.52	.203 5.16	.619 15.72	.749 19.02	.125 3.18	.045 1.14	Red	.140 3.56	322249*	1-322249-1
			.328 8.33	.203 5.16	.619 15.72	.749 19.02	.125 3.18	.045 1.14	Red	.140 3.56	324560	2-324560-1
		8 M4	.296 7.52	.203 5.16	.619 15.72	.749 19.02	.125 3.18	.045 1.14	Red	.140 3.56	1-322249-0	1-322249-9
			.416 10.57	.250 6.35	.666 16.92	.842 21.39	.171 4.34	.062 1.57	Red	.140 3.56	324169*	2-324169-1
		10	.296 7.52	.203 5.16	.619 15.72	.749 19.02	.125 3.18	.045 1.14	Red	.140 3.56	328516*	2-328516-1
			.294 7.47	.203 5.16	.619 15.72	.749 19.02	.125 3.18	.047 1.19	Blue	.170 4.32	324165*	2-324165-1
16-14 2,050-5,180 [1.04-2.62]	.033 0.84	6 M3.5	.294 7.47	.203 5.16	.668 16.97	.798 20.27	.125 3.18	.047 1.19	Blue	.250 6.35	—	2-324165-4
			.294 7.47	.203 5.16	.619 15.72	.749 19.02	.125 3.18	.047 1.19	Blue	.170 4.32	53874-1	53874-2
		8 M4	.416 10.57	.250 6.35	.666 16.92	.842 21.39	.171 4.34	.062 1.57	Blue	.170 4.32	324170	2-324170-1
			.296 7.52	.250 6.35	.841 21.36	1.017 25.83	.171 4.34	.052 1.32	Yellow	.230 5.84	324581*	1-324581-1
		10	.416 10.57	.250 6.35	.841 21.36	1.017 25.83	.171 4.34	.052 1.32	Yellow	.230 5.84	324172*	1-324172-0
			.416 10.57	.250 6.35	.841 21.36	1.017 25.83	.171 4.34	.052 1.32	Yellow	.250 6.35	52856	52856-1

*Available in small packaging quantities.

Note: "C" dimension applies from edge of metal wire barrel to center of stud hole.



PLASTI-GRIP (Continued)

Short Spring Spade
Tongue Terminals

Material

Insulation — Vinyl, UL 94V-0

Terminal Body — Phosphor Bronze
per ASTM B-139 for wire sizes 24 to 14
Brass per ASTM B-36 for wire sizes 12
to 10Plating — Tin per ASTM B-545
except where noted

Related Product Data

Insulation Color Code — pg. 4

Packaging Quantities — pg. 4

Performance Specifications —
pgs. 4 & 5

Application Tooling — pg. 72

Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions					Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers	
			W	C Min.	E Max.	L Max.	X			Loose Piece	Tape Mounted
24-20 320-1,290 [0.16-0.65]	.025 0.64	4	.203 5.16	.219 5.56	.624 15.85	.744 18.90	.115 2.92	White	.125 3.18	—	53829-2
22-16 509-3,260 [0.16-1.65]	.033 0.84	4	.203 5.16	.250 6.35	.666 16.92	.811 20.60	.140 3.56	Red	.140 3.56	52947*	52947-1
		5 M3	.250 6.35	.250 6.35	.666 16.92	.811 20.60	.140 3.56	Red	.140 3.56	52948*	52948-1
		6 M3.5	.234 5.94	.250 6.35	.666 16.92	.811 20.60	.140 3.56	Red	.140 3.56	53240-1*	53240-2
			.250 6.35	.250 6.35	.666 16.92	.811 20.60	.140 3.56	Red	.140 3.56	52949*	52949-1
			.250 6.35	.250 6.35	.715 18.16	.860 21.84	.140 3.56	Red	.200 5.08	52949-2	52949-3
		8 M4	.244 6.20	.281 7.14	.697 17.70	.872 22.15	.170 4.32	Red	.140 3.56	53241-1	53241-2
			.375 9.53	.281 7.14	.697 17.70	.872 22.15	.170 4.32	Red	.140 3.56	52950*	52950-1
			.375 9.53	.281 7.14	.746 18.95	.921 23.39	.170 4.32	Red	.200 5.08	52950-2	52950-3
		10	.294 7.47	.281 7.14	.697 17.70	.920 23.37	.218 5.54	Red	.140 3.56	53242-1*	53242-2
			.294 7.47	.281 7.14	.746 18.95	.969 24.61	.218 5.54	Red	.200 5.08	53242-5	53242-6
			.406 10.31	.281 7.14	.697 17.70	.920 23.37	.218 5.54	Red	.140 3.56	52951*	52951-1
			.406 10.31	.281 7.14	.746 18.95	.969 24.61	.218 5.54	Red	.200 5.08	—	52951-3
		6 M3.5	.250 6.35	.250 6.35	.666 16.92	.811 20.60	.140 3.56	Blue	.170 4.32	52955*	52955-1
			.250 6.35	.250 6.35	.715 18.16	.860 21.84	.140 3.56	Blue	.250 6.35	52955-2	52955-3
			.250 6.35	.250 6.35	.715 18.16	.860 21.84	.140 3.56	Blue	.250 6.35	52955-4 ¹	—
		8 M4	.244 6.20	.281 7.14	.697 17.70	.872 22.15	.170 4.32	Blue	.170 4.32	53244-1*	53244-2
			.244 6.20	.281 7.14	.746 18.95	.921 23.39	.170 4.32	Blue	.250 6.35	—	53244-4
			.375 9.53	.281 7.14	.697 17.70	.872 22.15	.170 4.32	Blue	.170 4.32	52956*	52956-1
			.375 9.53	.281 7.14	.746 18.95	.921 23.39	.170 4.32	Blue	.250 6.35	52956-2*	52956-3
16-14 2,050-5,180 [1.04-2.62]	.033 0.84	10	.294 7.47	.281 7.14	.697 17.70	.920 23.37	.218 5.54	Blue	.170 4.32	53245-1	53245-2
			.294 7.47	.281 7.14	.746 18.95	.969 24.61	.218 5.54	Blue	.250 6.35	—	53245-6
			.406 10.31	.281 7.14	.697 17.70	.920 23.37	.218 5.54	Blue	.170 4.32	52957*	52957-1
			.406 10.31	.281 7.14	.746 18.95	.969 24.61	.218 5.54	Blue	.250 6.35	52957-2	52957-3

*Available in small packaging quantities.

¹Terminal body plating— Gold per MIL-G-45204 over Nickel per QQ-N-290.

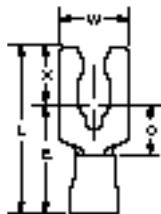
Note: "C" dimension applies from edge of metal wire barrel to center of stud hole.

**PLASTI-GRIP** (Continued)**Short Spring Spade
Tongue Terminals**

(Continued)

Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions					Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers	
			W	C Min.	E Max.	L Max.	X			Loose Piece	Tape Mounted
12-10 5,180-13,100 [2.62-6.64]	.042 1.07	6 M3.5	.250 6.35	.174 4.42	.775 19.69	.959 24.36	.179 4.55	Yellow	.200 5.08	52961*	52961-1
			.250 6.35	.174 4.42	.775 19.69	.959 24.36	.179 4.55	Yellow	.250 6.35	53246-1*	53246-2
			.250 6.35	.174 4.42	.775 19.69	.959 24.36	.179 4.55	Yellow	.250 6.35	53246-3 ¹	—
		8 M4	.312 7.92	.276 7.01	.877 22.28	1.052 26.72	.170 4.32	Yellow	.250 6.35	53247-1*	53247-2
			.375 9.53	.276 7.01	.877 22.28	1.052 26.72	.170 4.32	Yellow	.200 5.08	52962*	52962-1
			.375 9.53	.276 7.01	.936 23.77	1.111 28.22	.170 4.32	Yellow	.300 7.62	52962-2	52962-3
		10	.312 7.92	.276 7.01	.877 22.28	1.100 27.94	.218 5.54	Yellow	.250 6.35	53248-1	53248-2
			.406 10.31	.276 7.01	.877 22.28	1.100 27.94	.218 5.54	Yellow	.200 5.08	52963	52963-1
			.406 10.31	.276 7.01	.877 22.28	1.100 27.94	.218 5.54	Yellow	.250 6.35	52963-2*	52963-3
			.406 10.31	.276 7.01	.936 23.77	1.159 29.44	.218 5.54	Yellow	.300 7.62	52963-4	52963-5

*Available in small packaging quantities.

¹Terminal body plating— Gold per MIL-G-45204 over Nickel per QQ-N-290.**Note:** "C" dimension applies from edge of metal wire barrel to center of stud hole.**Long Spring Spade
Tongue Terminals****Material****Insulation**— Vinyl, UL 94V-0**Terminal Body**— Phosphor Bronze per ASTM B-139 for wire sizes 22 to 14
Brass per ASTM B-36 for wire sizes 12 to 10**Plating**— Tin per ASTM B-545**Related Product Data****Insulation Color Code**— pg. 4**Packaging Quantities**— pg. 4**Performance Specifications**—

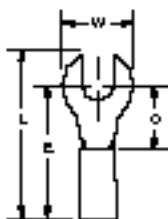
pgs. 4 & 5

Application Tooling— pg. 72

Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions					Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers	
			W	C Min.	E Max.	L Max.	X			Loose Piece	Tape Mounted
22-16 509-3,260 [0.26-1.65]	.033 0.84	6 M3.5	.250 6.35	.238 6.05	.664 16.87	.945 24.00	.276 7.01	Red	.140 3.56	52453*	52453-1
		8 M4	.281 7.14	.270 6.86	.696 17.68	.991 25.17	.290 7.37	Red	.140 3.56	52454*	52454-1
		10	.343 8.71	.283 7.19	.709 18.01	1.017 25.83	.303 7.70	Red	.140 3.56	52455*	52455-1
16-14 2,050-5,180 [1.04-2.62]	.033 0.84	6 M3.5	.250 6.35	.238 6.05	.664 16.87	.945 24.00	.276 7.01	Blue	.170 4.32	52463*	52463-1
		8 M4	.281 7.14	.270 6.86	.696 17.68	.991 25.17	.290 7.37	Blue	.170 4.32	52464*	52464-1
		10	.343 8.71	.283 7.19	.709 18.01	1.017 25.83	.303 7.70	Blue	.170 4.32	52465*	52465-1
12-10 5,180-13,100 [2.62-6.64]	.042 1.07	8 M4	.375 9.53	.273 6.93	.874 22.20	1.174 29.82	.295 7.49	Yellow	.200 5.08	52474	52474-1
		10	.375 9.53	.305 7.75	.906 23.01	1.219 30.96	.308 7.82	Yellow	.200 5.08	52475	52475-1
			.375 9.53	.305 7.75	.965 24.51	1.278 32.46	.308 7.82	Yellow	.300 7.62	—	52475-3

*Available in small packaging quantities.

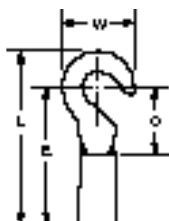
Note: "C" dimension applies from edge of metal wire barrel to center of stud hole.

**PLASTI-GRIP** (Continued)**Slotted Ring
Tongue Terminals****Material****Insulation** — Vinyl, UL 94V-0**Terminal Body** — Copper per

ASTM B-152

Plating — Tin per ASTM B-545**Related Product Data****Insulation Color Code** — pg. 4**Packaging Quantities** — pg. 4**Performance Specifications** —
pgs. 4 & 5**Application Tooling** — pg. 72

Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions				Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers	
			W	C Min.	E Max.	L Max.			Loose Piece	Tape Mounted
22-16 509-3,260 [0.26-1.65]	.033 0.84	6	.218	.156	.572	.658	Red	.125 3.18	34090	—
		M3.5	5.54	3.96	14.53	16.71				
		8	.281	.250	.666	.782	Red	.140 3.56	324184	2-324184-1
		M4	7.14	6.35	16.92	19.86				

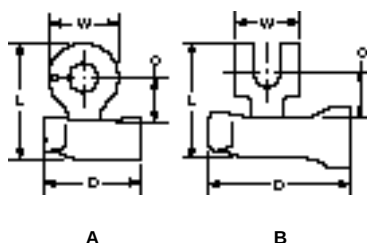
Note: "C" dimension applies from edge of metal wire barrel to center of stud hole.**Hook Tongue
Terminals****Material****Insulation** — Vinyl, UL 94V-0**Terminal Body** — Copper per

ASTM B-152

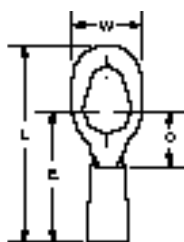
Plating — Tin per ASTM B-545**Related Product Data****Insulation Color Code** — pg. 4**Packaging Quantities** — pg. 4**Performance Specifications** —
pgs. 4 & 5**Application Tooling** — pg. 72

Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions				Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers	
			W	C Min.	E Max.	L Max.			Loose Piece	Tape Mounted
16-14 2,050-5,180 [1.04-2.62]	.033 0.84	8 M4	.343 8.71	.281 7.14	.697 17.70	.871 22.12	Blue	.170 4.32	320263	2-320263-1

Note: "C" dimension applies from edge of metal wire barrel to center of stud hole.

**PLASTI-GRIP** (Continued)**Flag Tongue Terminals****Material****Insulation** — Vinyl, UL 94V-0**Color** — Natural**Terminal Body** — Copper per ASTM B-152**Plating** — Tin per ASTM B-545**Related Product Data****Insulation Color Code** — pg. 4**Packaging Quantities** — pg. 4**Performance Specifications** — pgs. 4 & 5**Application Tooling** — pg. 72

Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Style	Stud Size	Dimensions				Terminal Insulation Stripe Color	Wire Insulation Diameter Max.	Part Numbers	
				W	C Min.	L Max.	D Max.			Loose Piece	
20-16HD ¹ 810-3,260 [0.41-1.65]	.042 1.07	A	14	.500 12.70	.266 6.76	.749 19.02	.695 17.65	Green	.170 4.32		322307
16-14 2,050-5,180 [1.04-2.62]	.033 0.84	B	10	.385 9.78	.272 6.91	.741 18.82	.695 17.65	Blue	.170 4.32		322834
		A	14	.500 12.70	.266 6.76	.749 19.02	.695 17.65	Blue	.170 4.32		322310
16-14HD ¹ 2,050-5,180 [1.04-2.62]	.050 1.27	A	10	.500 12.70	.266 6.76	.810 20.57	.775 19.69	Black	.230 5.84		322312
			14	.500 12.70	.266 6.76	.810 20.57	.775 19.69	Black	.230 5.84		322313
12-10 5,180-13,100 [2.62-6.64]	.042 1.07	A	10	.500 12.70	.266 6.76	.812 20.62	.775 19.69	Yellow	.230 5.84		322315
			14	.500 12.70	.266 6.76	.812 20.62	.775 19.69	Yellow	.230 5.84		322316
			14	.500 12.70	.266 6.76	.812 20.62	.775 19.69	Yellow	.280 7.11		322395

¹Heavy Duty for extra mechanical strength.**Multiple Stud Terminals****Material****Insulation** — Vinyl, UL 94V-0**Terminal Body** — Copper per ASTM B-152**Plating** — Tin per ASTM B-545**Related Product Data****Insulation Color Code** — pg. 4**Packaging Quantities** — pg. 4**Performance Specifications** — pgs. 4 & 5**Application Tooling** — pg. 72

Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions				Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers	
			W	C Min.	E Max.	L Max.			Loose Piece	Tape Mounted
22-16 509-3,260 [0.26-1.65]	.033 0.84	6-8-10	.325 8.26	.271 6.88	.691 17.55	.969 24.61	Red	.125 3.18	54774-1	54774-2
16-14 2,050-5,180 [1.04-2.62]	.033 0.84	6-8-10	.325 8.26	.271 6.88	.691 17.55	.969 24.61	Blue	.145 3.68	54775-1	54775-2

Note: "C" dimension applies from edge of metal wire barrel to center of stud hole.

**PLASTI-GRIP** (Continued)**Butt Splices****Material****Insulation** — Vinyl, UL 94V-0**Splice Body** — Copper per
ASTM B-152**Plating** — Tin per ASTM B-545**Related Product Data****Insulation Color Code** — pg. 4**Packaging Quantities** — pg. 4**Performance Specifications** —
pgs. 4 & 5**Application Tooling** — pg. 72

Wire Size Circular Mils [†] [mm ²]	Dimension L Max.	Splice Insulation Color	Wire Insulation Diameter Max.	Part Numbers	
				Loose Piece	Tape Mounted
26-22 202-810 [0.10-0.41]	.620 15.75	Yellow	.080 2.03	321026* [†]	2-321026-1 [†]
22-18/16-14	1.065 27.05	Red/Blue Stripe	.170 / .115 6.86 / 2.92	696010-1	—
22-16 ² 509-3,260 [0.26-1.65]	1.065 27.05	Red	.120 3.05	34067*	2-34067-1
	1.065 27.05	Red	.170 4.32	34243*	1-34243-1
	1.076 27.33	Natural w/ Red Letters	.120 3.05	324138*	—
	1.076 27.33	Red	.140 3.56	34070*	1-34070-1
	1.076 27.33	Natural w/ Red Stripes	.140 3.56	55792-1*	55792-2
	1.065 27.05	Red	.083 x .171 2.11 x 4.34	34203**	—
	.600 15.24	Blue	—	55629-2	—
16-14 2,050-5,180 [1.04-2.62]	1.065 27.05	Blue	.140 3.56	34068*	2-34068-1
	1.065 27.05	Natural w/ Blue Letters	.140 3.56	328427*	—
	1.065 27.05	Blue	.170 4.32	34071*	2-34071-1
	1.065 27.05	Natural w/ Blue Stripes	.170 4.32	55785-1*	55785-2
	1.065 27.05	Blue	.215 5.46	35244*	2-35244-1
	1.105 28.07	Blue	.170 4.32	2-34071-2 ⁴	2-34071-3 ⁴
	1.065 27.05	Blue	.135 x .245 3.43 x 6.22	34204**	1-34204-0
	1.160 29.46	Yellow	.200 5.08	34069	—
12-10 5,180-13,100 [2.62-6.64]	1.160 29.46	Yellow	.230 5.84	34072*	2-34072-2
	1.160 29.46	Natural w/ Yellow Stripes	.230 5.84	55793-1*	55793-2
	1.160 29.46	Yellow	.250 6.35	34945*	—
	1.160 29.46	Yellow	.300 7.62	326742	—
	1.200 30.48	Yellow	.250 6.35	2-34945-1 ⁴	2-34945-2 ⁴
	1.160 29.46	Yellow	.250 / .165 x .315 6.35 / 4.19 x 8.00	321286 ^{5†}	—
	1.160 29.46	Yellow	.138 x .281 3.51 x 7.14	34205**	—
	1.340 34.04	Red	.250 6.35	696025-1	—
8	1.340 34.04	Red	.250 6.35	696025-1	—
6	1.530 38.86	Blue	.330 8.38	696026-1	—

[†] Not UL or CSA Approved or Listed.

*Available in small packaging quantities.

[†]When using two or more wires in either end of a butt splice, the combined cross sectional area must be within the (CMA) circular mil range listed.
(Not UL or CSA Approved with use of multiple wires.)²22-16 splices are 22-18 range in accordance with MIL-T-7928.³Oval expansion.⁴Funnel entry⁵Oval expansion at one end; circular expansion at other end.

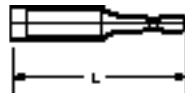
**PLASTI-GRIP** (Continued)**Parallel Splices****Material****Insulation** — Vinyl, UL 94V-0**Splice Body** — Copper per

ASTM B-152

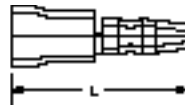
Plating — Tin per ASTM B-545**Related Product Data****Insulation Color Code** — pg. 4**Packaging Quantities** — pg. 4**Performance Specifications** —
pgs. 4 & 5**Application Tooling** — pg. 72

Wire Size Circular Mils ¹ [mm ²]	Dimension L Max.	Splice Insulation Color	Wire Insulation Diameter Max.	Part Numbers Loose Piece
22-16 509-3,260 [0.26-1.65]	.760 19.30	Red	.120 3.05	34131*
	.760 19.30	Red	.140 3.56	34132*
16-14 2,050-5,180 [1.04-2.62]	.760 19.30	Blue	.140 3.56	34133*
	.760 19.30	Blue	.170 4.32	34134*
	.760 19.30	Blue	.135 x .245 3.43 x 6.22	34207**
	.760 19.30	Blue	.135 x .245 3.43 x 6.22	34207**
12-10 5,180-13,100 [2.62-6.64]	.843 21.41	Yellow	.200 5.08	34135
	.870 22.10	Yellow	.230 5.84	34136*

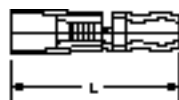
*Available in small packaging quantities.

¹When using two or more wires in a parallel splice, the combined cross sectional area must be within the (CMA) circular mil area listed.²Oval expansion.**Shur-Plug**
(.093, .156 and .180 Series)

.093 Series



.156 Series



.180 Series

Material (.093 Series)**Insulation** — Vinyl, UL 94V-0**Terminal Body** — Brass per

ASTM B-36

Related Product Data**Insulation Color Code** — pg. 4**Packaging Quantities** — pg. 4**Performance Specifications** —
pgs. 4 & 5**Application Tooling** — pg. 72**Material (.156 & .180 Series)****Insulation** — Vinyl, UL 94V-0**Terminal Body** — Copper per

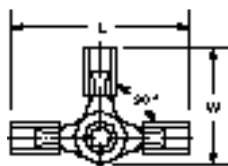
ASTM B-152

Plating — Tin per ASTM B-545

Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Series	Dimension L Max.	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers	
						Loose Piece	Tape Mounted
22-16 509-3,260 [0.26-1.65]	—	.093	.812 20.62	Red	.140 3.56	34178	—
16-14 2,050-5,180 [1.04-2.62]	.033 0.84	.156	.800 20.32	Blue	.170 4.32	324227* [†]	1-324227-0
		.180	.753 19.13	Blue	.170 4.32	324228* [†]	—

[†] Not UL or CSA Approved or Listed.

*Available in small packaging quantities.

PLASTI-GRIP (Continued)**3-Way Connector****Material**

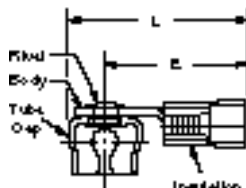
Insulation — Vinyl, UL 94V-0
Terminal Body — Copper per ASTM B-152
Rivet — Brass per QQ-B-626
Plating — Tin per ASTM B-545

Related Product Data

Insulation Color Code — pg. 4
Packaging Quantities — pg. 4
Performance Specifications — pgs. 4 & 5
Application Tooling — pg. 72

Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Dimensions		Terminal Insulation Color	Wire Insulation Diameter Max.	Part Number Loose Piece
		W Max.	L Max.			
16-14 2,050-5,180 [1.04-2.62]	.033 0.84	.877 22.28	1.400 35.56	Blue	.145 3.68	34073*

*Available in small packaging quantities.

.250 Tube Cap Assembly**Material**

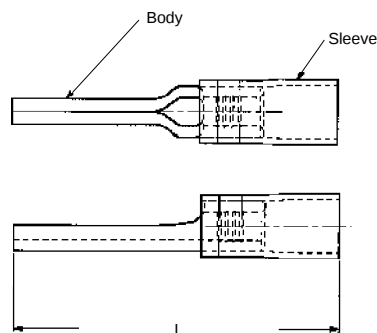
Insulation — Vinyl, UL 94V-0
Terminal Body — Copper per ASTM B-152
Plating — Tin per ASTM B-545
Tube Cap — Copper/Zinc alloy per MIL-C-50
Plating — Tin per ASTM B-545
Rivet — Brass
Plating — Tin per ASTM B-545 over Copper

Related Product Data

Insulation Color Code — pg. 4
Packaging Quantities — pg. 4
Performance Specifications — pgs. 4 & 5
Application Tooling — pg. 72

Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Dimensions		Terminal Insulation Color	Wire Insulation Diameter Max.	Part Number Loose Piece
		E Max.	L Max.			
22-16 509-3,260 [0.26-1.65]	.033 0.84	.666 16.92	.978 24.84	Black	.140 3.56	55137-1†

† Not UL or CSA Approved or Listed.

Wire Pins

Wire Size Circular Mils [mm ²]	Tab	Dimensions		Terminal Insulation Color	Wire Insulation Diameter Max.	Part Number
		Ins.	L Max.			
22-16	.070 1.78	.140 3.56	.943 23.95	Red	.145 3.68	696116-1 (Tape)
	.071 1.80	.135 3.43	.905 22.99	Red	.145 3.68	165167 (Loose Piece)