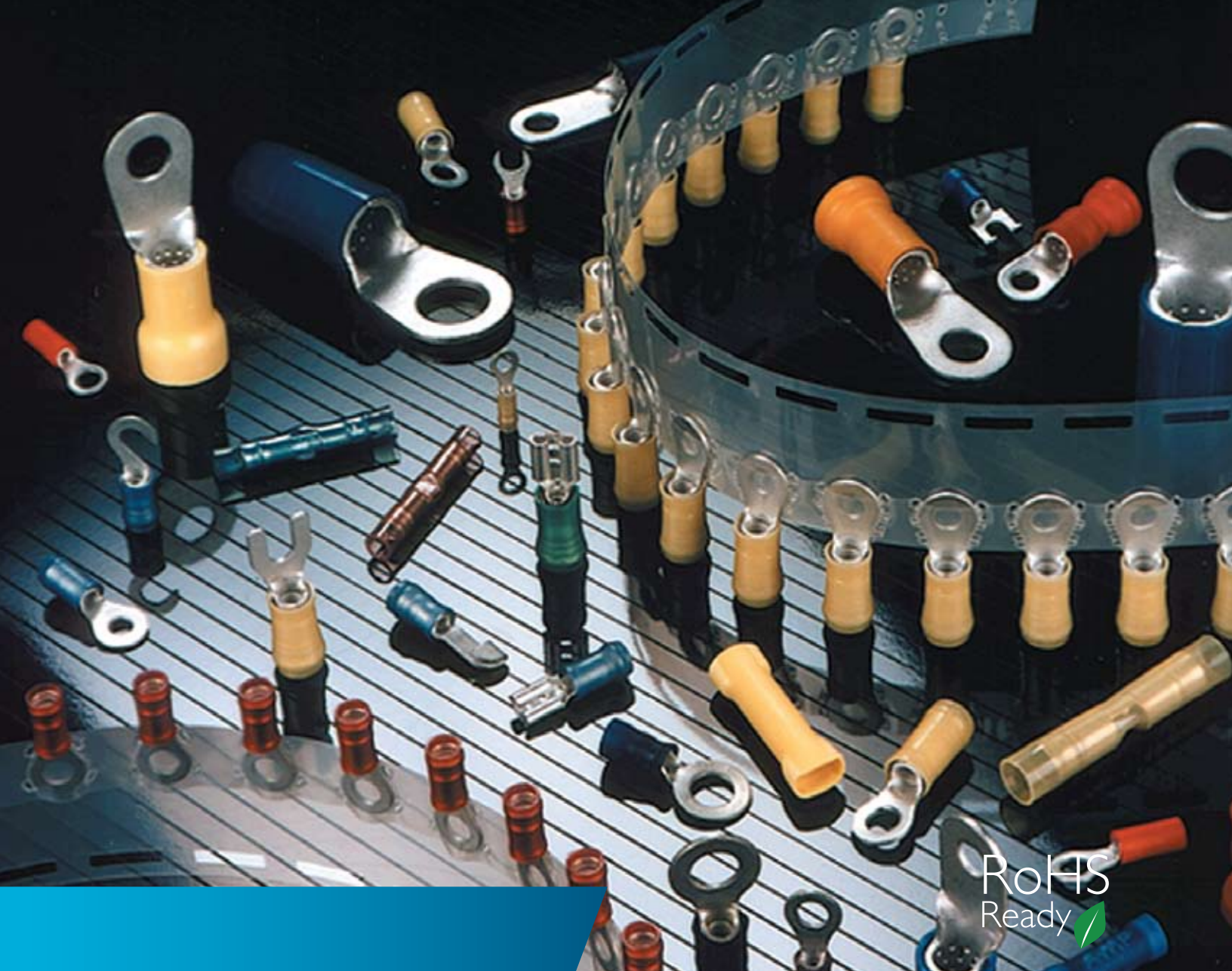




AMP Standard Terminals and Splices

Table of Contents

Product Facts

- Solderless terminals and splices performs up to today's standards for reliable termination in applications ranging from control circuits to heavy duty power wiring
- This catalog describes only standard terminals and splices accommodating wire sizes from 26 AWG through 4/0 AWG
- These terminals are pre-insulated and color coded by wire size for easy identification
- Funnel entry on many terminals allows for easy wire insertion for high speed production
- Nylon or vinyl insulation provides high dielectric strength
- The serration or dimple feature inside the terminal barrel provides exceptional barrel contact and tensile strength
- Special plating process creates a high resistance to corrosion
- Use of AMP application tooling is designed for uniform high quality terminations
- UL, CSA, Military Approved

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Numerical values

To convert U.S. customary unit values in this catalog to their metric equivalents, use the following formulas:

To convert from	to	Multiply by
inch	millimeter (mm)	2.540000 x 10
inch	metre (m)	2.540000 x 10 ⁻²
inch	centimeter (cm)	2.540000
foot	metre (m)	3.0480000 x 10 ⁻¹
pound-force	newton (N)	4.448222
bar	pascal (Pa)	1.000000 x 10 ⁵
pound-force/inch ²	pascal (Pa)	6.894757 x 10 ³
pound-mass	kilogram (kg)	4.535924 x 10 ⁻¹
ounce-mass	kilogram (kg)	2.834952 x 10 ⁻²

To convert wire size (AWG) to the equivalent metric value using the circular mil area of the wire, use the following formula:

circular mil area (CMA)/1550.003 = square millimeter (mm²)

Note: Dimensions in this catalog are for reference purposes only. Customer drawings are available on request.

Specifications subject to change. Consult Tyco Electronics for latest design specifications.

Need more information?

Call Technical Support:
1-800-522-6752

The Center is staffed with specialists well versed in Tyco Electronics products. They can provide you with:

- Technical Support
- Catalogs
- Technical Documents
- Product Samples

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AMP, AMP-O-ELECTRIC, AMPOMATOR, TETRA-CRIMP, AMP-TAPETRONIC, AUTO-PRO, CERTI-SEAL, DYNA-CRIMP, FASTON, PIDG, PLASTI-GRIP, PRO-CRIMPER, SHUR-PLUG, TERMINYL, T-HEAD, TE logo and Tyco Electronics are trademarks.

Terminals and Splices



PIDG Terminals and Splices
Page 7
(Insulation Restricting
Terminals also)



PIDG FASTON Terminals and
Splices Page 33
(Insulation Restricting
Terminals also)



PLASTI-GRIP Terminals and
Splices Page 37



TERMINYL Terminals and
Splices
Page 53



CERTI-SEAL Splices
Page 57

Terminals and Spices (Continued)

Ordering Information

This catalog is designed for easy selection of terminal type to meet your needs. All terminals and splices are cataloged by tongue type and wire size.

If the part number is known, refer to the numerical index at the back of this catalog for page location of tabular information. In many instances the part is available in loose piece as well as tape mounted. FASTON terminals are available in strip form. When ordering tape mounted parts, specify the terminal or splice part number, the total quantity of parts required, the part number of the tooling to be used and the type of packaging desired (if applicable). The table shown at top right, lists the wire sizes available and the quantity per package for tape mounted and loose piece.

Insulated terminals and splices are color coded to indicate wire range and to help match the terminal with the appropriate tool. The table shown at right identifies the specific wire range insulation color.

Standard Packaging Quantities

Wire Size Range AWG	Packaging Quantity Loose Piece	Tape Mounted
26-22	1M/Box	2,500/Reel
22-14	1M/Box	5,000/Reel
16-14 H.D.	500/Box	2,500/Reel
12-10	500/Box	2,500/Reel
8 thru 4	100/Box	—
2 thru 4/0	50/Box	—

Note: Package quantities may vary with specific part numbers.

Insulation Color Code

Insulation Color Code	Wire Size Range AWG	Comments
Yellow	26-22	—
Transparent	24-20	—
Red	22-16	—
Blue	16-14	—
Yellow/Black	16-14	Heavy Duty
Yellow	12-10	—
Red	8	—
Blue	6	—
Yellow	4	—
Red	2	—
Blue	1/0	—
Yellow	2/0	—
Red	3/0	—
Blue	4/0	—

Terminals and Splices Performance Specifications

For detailed test information and product specifications, request appropriate report or refer to the applicable specification listed in the following table.

Product Type	Test Report Number	Application Specification
PIDG Terminals Nylon Insulation	501-31	MIL-T-7928
PIDG Insulation Restriction Terminals	GPR-575-69 110-236	MIL-T-7928/1
PIDG FASTON Terminals	—	UL310
PLASTI-GRIP Terminals	110-11514	UL486
TERMINYL Terminals	110-178	MIL-T-7928
CERTI-SEAL Terminals	—	—

Terminal and Splices Performance Specifications (Continued)

The many millions of AMP terminals and splices that have given ten, fifteen and twenty years of service are ample proof of the testing and research that went into their design and manufacturing. Like all AMP solderless wiring devices, they are thoroughly tested to conform to standards of performance under heavy usage. Tests conducted in Tyco Electronics laboratories and research facilities, some of the best-equipped in their field, indicate that these terminals and splices meet or exceed applicable industrial requirements and military specifications. The result of some of the most popular tests are tabulated here.

Upon request, a formal test report will be supplied to support these values and document additional performance requirements not listed.

MIL-T-7928

Wire Size	Spec. Min. lb.	Group III Tensile Strength After Vibration - Lb.	Group VI Tensile Strength After Corrosion - Lb.
		Terminal Type	Terminal Type
		PIDG	PIDG
26	7	11.7	10.7
24	10	19.8	19.2
22	15	29.0	23.5
20	19	37.7	46.5
18	38	58.9	70.5
16	50	78.5	81.9
14	70	100	105
12	110	209	213
10	150	247	282
		TERMINYL	TERMINYL
8	225	299	310
6	300	600	609
4	400	784	835
2	550	1,035	1,136
1/0	700	1,781	1,767
2/0	750	1,787	1,721
3/0	825	2,845	2,880
4/0	875	3,048	3,268

MIL-T-7928

Wire Size	Specification Maximum Millivolt Drop ¹	Group II Millivolt Drop After Current Cycling ²	Group III Millivolt Drop After Vibration ²	Group VI Millivolt Drop After Corrosion ²
		Terminal Type	Terminal Type	Terminal Type
		PIDG	PIDG	PIDG
26	9.2	3.2	3.1	3.3
24	7.9	2.6	4.9	2.9
22	9.0	4.5	3.8	6.0
20	7.5	3.6	3.8	3.6
18	7.2	3.1	3.6	3.1
16	7.7	3.6	3.7	3.9
14	7.7	3.7	4.0	3.6
12	8.4	4.0	4.6	4.2
10	7.5	3.3	3.6	3.3
		TERMINYL	TERMINYL	TERMINYL
8	5.2	3.7	3.8	4.2
6	5.7	4.3	4.1	4.1
4	5.4	4.1	4.0	4.1
2	5.5	4.2	4.2	4.2
1/0	6.8	4.4	4.3	4.4
2/0	6.7	4.2	4.2	4.2
3/0	6.3	4.2	4.1	4.1
4/0	6.4	4.0	4.1	4.1

¹Value is millivolt drop permitted after test plus equal length of wire.

²Value includes equal length of wire.

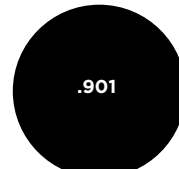
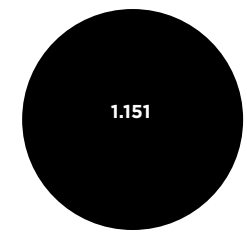
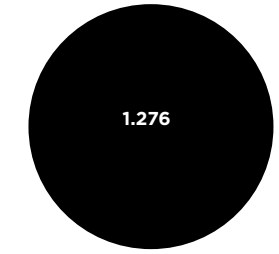
Terminal Stud Hole Size

Use to Select Proper Size Terminal

The chart shows sizes and dimensions of various studs and the corresponding terminal stud hole sizes used with AMP devices.

For example, with stud #5 (.125 Diameter), use AMP device listed for #5 stud (.129 Hole Diameter).

Terminal stud hole sizes may easily be checked by fitting sample terminal to black circle.

Stud Size		Stud Dia.	Minimum Terminal Hole Diameter	Stud Size		Stud Dia.	Minimum Terminal Hole Diameter
U.S. Cust.	Metric			U.S. Cust.	Metric		
#0		.060					
#1		.073		5/8"	M16	.625	
#2	M2	.086					
#3		.099					
#4		.112		3/4"		.750	
#5	M3	.125					
#6	M3.5	.138					
#8	M4	.164		7/8"	M22	.875	
#10		.190					
#12		.216					
#14		.242		1"		1.000	
1/4"	M6	.250					
5/16"	M8	.312					
3/8"		.375		1 1/8"		1.125	
7/16"		.437					
1/2"	M12	.500		1 1/4"		1.250	

PIDG Terminals and Splices

Product Facts

- Pre-insulated terminal designed for uniform reliability in most difficult circuit environments
- PIDG Terminals consist of tin plated copper or tin plated phosphor bronze body for spring spades with a copper sleeve and insulation sleeve fitted over terminal barrel
- Design of the tool dies and construction of the terminal allows for uniform insulation thickness under crimping pressure, transmitting this pressure evenly to the center of the crimp area

The AMP Mated Tool/Terminal Concept

- AMP compression crimping produces crimps for a given size wire and terminal that are alike in appearance and performance
- Terminal and crimping tool are designed as uniform matched devices
- Dies are precision-engineered from the finest hard-metal alloys
- Crimping pressure is controlled by a ratchet device on the hand tool or a corresponding pre-calibration in the crimping jaws of AMP automated crimping machines

The Crimp

- When done properly, crimping pressure can neither overstress nor under stress the terminal barrel—machined dies fully bottom to the precise crimp height
- Resulting termination is free of contamination
- Resistant to shock and critical environments
- Tensile strength approaches that of the wire itself
- PIDG Terminals meet or exceed the requirements of MIL-T-7928, Type II, Class 1 and 2
- Refer to AMP Qualified Products for Military Application, Catalog 73-159 for Military Specification Number to AMP Part Number cross reference

Nylon Insulation. Nylon sleeve has high dielectric strength.

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 and tin-plated per ASTM B-545. Tyco Electronics' special plating process creates durable corrosion resistance to salt spray and most chemical fumes.

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

Serrations. Serrations inside barrel provide maximum contact and tensile strength after crimping.

Copper Sleeve. The specially designed copper sleeve, fitted over the terminal barrel, provides circumferential insulation support to the wire and allows the wire to be bent in any direction, without fraying the wire's insulation or breaking the conductor.

Funnel Ramp Entry. Prevents a turned back strand and permits rapid wire insertion during high speed production.

Temperature Rating: 105°C Max.

AMP PIDG Terminals (Use PIDG Tooling)

AMP Wire Range	UL LISTED	SP® LR7189 Certified
22-16 22-16 Solid or Stranded		
16-14 16-14 Solid or Stranded		
12-10 12-10 Solid or Stranded		

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

AMP PIDG Nylon Butt Window Splice (Use PIDG Tooling)

AMP Wire Range	UL LISTED	SP® LR7189 Certified
22-16 22-16 Stranded or Solid		
16-14 16-14 Stranded or Solid		
12-10 12-10 Stranded or Solid		

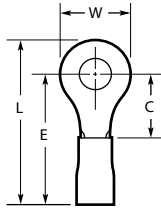
Note: 22-16 splices are stamped 22-18 in accordance with MIL-T-7928.

¹UL & CSA — Nylon

Note: Over size expansions are provided in vinyl insulation only.

PIDG Terminals and Splices (Continued)

Ring Tongue Terminals



Material

Insulation-Nylon, UL 94V-2

Terminal Body and Metallic Sleeve-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. 66

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
26-24 238-475 [0.12-0.24]	.029 0.74	2 M2	.203 5.16	.211 5.36	.632 16.05	.739 18.77	Yellow	.105 2.67	54310-1'	—
		4	.203 5.16	.211 5.36	.632 16.05	.736 18.69	Yellow	.105 2.67	52189'	—
		6 M3.5	.250 6.35	.243 6.17	.664 16.87	.792 20.12	Yellow	.105 2.67	53073'	—
		8 M4	.281 7.14	.250 6.35	.671 17.04	.814 20.68	Yellow	.105 2.67	54311-1'	—
		10	.312 7.92	.281 7.14	.702 17.83	.868 22.05	Yellow	.105 2.67	54312-1'	54312-2'
26-22 202-810 [0.10-0.41]	.020 0.51	0	.140 3.56	.121 3.07	.452 11.48	.525 13.34	Yellow	.082 2.08	321013	—
		2 M2	.140 3.56	.121 3.07	.452 11.48	.525 13.34	Yellow	.082 2.08	323912*	2-323912-1
			.140 3.56	.211 5.36	.542 13.77	.615 15.62	Yellow	.082 2.08	329951*	—
			.165 4.19	.211 5.36	.542 13.77	.617 15.67	Yellow/Br.	.082 2.08	321620*	1-321620-0
			.203 5.16	.211 5.36	.542 13.77	.646 16.41	Yellow	.082 2.08	323913	2-323913-1
		4	.203 5.16	.211 5.36	.542 13.77	.646 16.41	Yellow	.082 2.08	323914*	2-323914-1
		6 M3.5	.198 5.03	.308 7.82	.643 16.33	.745 18.92	Yellow	.082 2.08	321617	—
			.203 5.16	.211 5.36	.542 13.77	.646 16.41	Yellow	.082 2.08	323915*	2-323915-2
			.250 6.35	.281 7.14	.612 15.54	.740 18.80	Yellow	.082 2.08	326875*	2-326875-1
		8 M4	.250 6.35	.281 7.14	.612 15.54	.740 18.80	Yellow	.082 2.08	323916*	2-323916-1
			.300 7.62	.281 7.14	.612 15.54	.765 19.43	Yellow	.082 2.08	52124	52124-2
		10	.250 6.35	.281 7.14	.612 15.54	.740 18.80	Yellow	.082 2.08	324075*	2-324075-1
			.300 7.62	.281 7.14	.612 15.54	.765 19.43	Yellow	.082 2.08	52124-1	—
24-20 320-1,290 [0.16-0.65]	.025 0.64	0	.160 4.06	.125 3.18	.506 12.85	.589 14.96	Natural	.100 2.54	—	2-328489-1
		2 M2	.160 4.06	.125 3.18	.506 12.85	.589 14.96	Natural	.100 2.54	329636	2-329636-1
		4	.203 5.16	.250 6.35	.631 16.03	.735 18.67	Natural	.100 2.54	50534	—
			.281 7.14	.250 6.35	.631 16.03	.774 19.66	Natural	.100 2.54	323985	—
		6 M3.5	.281 7.14	.250 6.35	.631 16.03	.774 19.66	Natural	.100 2.54	323986	2-323986-1
		8 M4	.312 7.92	.281 7.14	.662 16.81	.821 20.85	Natural	.100 2.54	323989	1-323989-0
		10	.312 7.92	.281 7.14	.662 16.81	.821 20.85	Natural	.100 2.54	323990	2-323990-1

*Available in small packaging quantities.

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

†Must be crimped with 22-18 or 22-16 PIDG (red) Tooling.

PIDG Terminals and Splices (Continued)

Ring 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.			Loose Piece	Tape Mounted
22-16 509-3,260 [0.26-1.65]	.033 0.84	1	.160 4.06	.156 3.96	.560 14.22	.643 16.33	Red	.125 3.18	327174	2-327174-1
			.182 4.62	.172 4.37	.576 14.63	.669 16.99	Red	.125 3.18	324158	2-324158-1
		2 M2	.182 4.62	.172 4.37	.576 14.63	.669 16.99	Red	.140 3.56	320773	—
			.218 5.54	.156 3.96	.560 14.22	.672 17.07	Red	.125 3.18	328657*	2-328657-1
		4	.182 4.62	.172 4.37	.576 14.63	.669 16.99	Red/Green	.125 3.18	327654*	—
			.182 4.62	.172 4.37	.576 14.63	.669 16.99	Red	.140 3.56	320882*	2-320882-1
			.218 5.54	.156 3.96	.560 14.22	.672 17.07	Red	.125 3.18	320553*	2-320553-2
			.218 5.54	.156 3.96	.560 14.22	.672 17.07	Red	.125 3.18	36254 ¹	—
			.218 5.54	.156 3.96	.560 14.22	.672 17.07	Red	.140 3.56	31880*	2-31880-1
			.218 5.54	.156 3.96	.560 14.22	.672 17.07	Black	.140 3.56	35229	—
			.250 6.35	.312 7.92	.716 18.19	.844 21.44	Red	.125 3.18	323758	2-323758-1
			.250 6.35	.312 7.92	.716 18.19	.844 21.44	Red	.140 3.56	330648	2-330648-1
			.218 5.54	.156 3.96	.560 14.22	.672 17.07	Red	.125 3.18	36149*	2-36149-2
			.218 5.54	.156 3.96	.560 14.22	.672 17.07	Red	.140 3.56	36150*	2-36150-1
		6 M3.5	.250 6.35	.250 6.35	.654 16.61	.782 19.86	Red	.125 3.18	51863*	51863-1
			.281 7.14	.250 6.35	.654 16.61	.797 20.24	Red	.125 3.18	36151*	2-36151-2
			.281 7.14	.250 6.35	.654 16.61	.797 20.24	Red	.140 3.56	36152*	2-36152-1
			.312 7.92	.281 7.14	.685 17.40	.844 21.44	Red	.125 3.18	323008	2-323008-1
			.312 7.92	.281 7.14	.685 17.40	.844 21.44	Red	.140 3.56	326878	2-326878-1
			.281 7.14	.250 6.35	.654 16.61	.797 20.24	Red	.125 3.18	320554*	2-320554-1
		8 M4	.281 7.14	.250 6.35	.654 16.61	.797 20.24	Red	.140 3.56	31886*	2-31886-2
			.312 7.92	.281 7.14	.685 17.40	.844 21.44	Red	.125 3.18	320551*	1-320551-1
			.312 7.92	.281 7.14	.685 17.40	.844 21.44	Red	.140 3.56	31890*	2-31890-1
			.344 8.74	.297 7.54	.701 17.81	.876 22.25	Red	.140 3.56	32835	2-32835-2
			.281 7.14	.250 6.35	.654 16.61	.797 20.24	Red	.125 3.18	320552*	2-320552-1
		10	.281 7.14	.250 6.35	.654 16.61	.797 20.24	Red	.140 3.56	31887*	2-31887-1
			.312 7.92	.281 7.14	.685 17.40	.844 21.44	Red	.125 3.18	36153*	2-36153-2
			.312 7.92	.281 7.14	.685 17.40	.844 21.44	Red	.140 3.56	36154*	2-36154-2
			.344 8.74	.297 7.54	.701 17.81	.876 22.25	Red	.125 3.18	32836*	—
			.344 8.74	.297 7.54	.701 17.81	.876 22.25	Red	.140 3.56	32837*	32837-1

*Available in small packaging quantities.

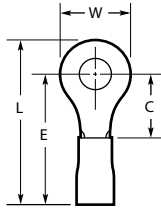
¹Slightly larger than standard #4 stud hole. (.128 in./3.25 mm.)

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

PIDG Terminals and Splices (Continued)

Ring Tongue Terminals

(Continued)



Material

Insulation-Nylon, UL 94V-2

Terminal Body and Metallic

Sleeve-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. 66

Wire Size Circular Mills [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	1/4 M6	.469 11.91	.437 11.10	.841 21.36	1.078 27.38	Red	.125 3.18	320571*	2-320571-2
			.469 11.91	.437 11.10	.841 21.36	1.078 27.38	Black	.125 3.18	55936-1	55936-2
			.469 11.91	.437 11.10	.841 21.36	1.078 27.38	Red	.140 3.56	31894*	2-31894-2
		5/16 M8	.469 11.91	.437 11.10	.841 21.36	1.078 27.38	Red	.125 3.18	320572*	2-320572-1
			.469 11.91	.437 11.10	.841 21.36	1.078 27.38	Red	.140 3.56	31895*	2-31895-1
			.531 13.49	.546 13.87	.950 24.13	1.218 30.94	Red	.125 3.18	324123	—
		3/8	.531 13.49	.546 13.87	.950 24.13	1.218 30.94	Red	.125 3.18	320573*	2-320573-4
			.531 13.49	.546 13.87	.950 24.13	1.218 30.94	Red	.140 3.56	31897*	2-31897-2
			.656 16.66	.437 11.10	.841 21.36	1.171 29.74	Red	.125 3.18	321522	—
		1/2 M12	.713 18.11	.530 13.46	.934 23.72	1.293 32.84	Red	.125 3.18	328975*	—
20-16HD ¹ 992-2,800 [0.50-1.42]	.042 1.07	10	.469 11.91	.312 7.92	.718 18.24	.955 24.26	Blue	.150 3.81	150247	—
		2 M2	.180 4.57	.171 4.34	.575 14.61	.668 16.97	Blue	.170 4.32	324993	—
			.250 6.35	.171 4.34	.575 14.61	.703 17.86	Blue	.150 3.81	324159*	2-324159-2
		4	.250 6.35	.171 4.34	.575 14.61	.703 17.86	Blue	.170 4.32	328996*	2-328996-1
			.250 6.35	.281 7.14	.685 17.40	.813 20.65	Blue	.150 3.81	323676	—
			.250 6.35	.171 4.34	.575 14.61	.703 17.86	Blue	.150 3.81	320561*	2-320561-2
		6 M3.5	.250 6.35	.171 4.34	.575 14.61	.703 17.86	Blue	.170 4.32	320619*	2-320619-1
			.250 6.35	.281 7.14	.685 17.40	.813 20.65	Blue	.170 4.32	50881	50881-2
			.312 7.92	.250 6.35	.654 16.61	.813 20.65	Blue	.170 4.32	326882*	2-326882-1
			.312 7.92	.281 7.14	.685 17.40	.844 21.44	Blue	.150 3.81	51864*	51864-3
			.343 8.71	.281 7.14	.685 17.40	.859 21.82	Blue	.150 3.81	36157*	2-36157-2
			.343 8.71	.281 7.14	.685 17.40	.859 21.82	Blue	.170 4.32	36158*	2-36158-1
		8 M4	.312 7.92	.250 6.35	.654 16.61	.813 20.65	Blue	.170 4.32	53941-1*	53941-2
			.312 7.92	.281 7.14	.685 17.40	.844 21.44	Blue	.150 3.81	51864-1*	51864-5
			.343 8.71	.281 7.14	.685 17.40	.859 21.82	Blue	.150 3.81	320560*	2-320560-1
			.343 8.71	.281 7.14	.685 17.40	.859 21.82	Blue	.170 4.32	320565*	2-320565-1
			.343 8.71	.281 7.14	.685 17.40	.859 21.82	Blue	.170 4.32	320565*	2-320565-1

*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.

PIDG Terminals and Splices (Continued)

Ring 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.			Loose Piece	Tape Mounted
16-14 2,050-5,180 [1.04-2.62]	.033 0.84	10	.312 7.92	.250 6.35	.654 16.61	.813 20.65	Blue	.170 4.32	53942-1	53942-2
			.312 7.92	.281 7.14	.685 17.40	.844 21.44	Blue	.150 3.81	51864-2*	51864-4
			.343 8.71	.281 7.14	.685 17.40	.859 21.82	Blue	.150 3.81	320574*	2-320574-2
			.343 8.71	.281 7.14	.685 17.40	.859 21.82	Blue	.170 4.32	36160*	2-36160-1
			.469 11.91	.437 11.10	.841 21.36	1.078 27.38	Blue	.170 4.32	324533	2-324533-2
		12	.469 11.91	.437 11.10	.841 21.36	1.078 27.38	Blue	.170 4.32	324086	2-324086-1
		14	.468 11.89	.312 7.92	.716 18.19	.953 24.21	Blue	.170 4.32	35274	—
		1/4 M6	.469 11.91	.437 11.10	.841 21.36	1.078 27.38	Blue	.150 3.81	320563*	2-320563-2
			.469 11.91	.437 11.10	.841 21.36	1.078 27.38	Blue	.170 4.32	321045*	2-321045-1
			.469 11.91	.437 11.10	.841 21.36	1.078 27.38	Black	.170 4.32	325034	2-325034-1
		5/16 M8	.469 11.91	.437 11.10	.841 21.36	1.078 27.38	Blue	.150 3.81	320575*	2-320575-1
			.469 11.91	.437 11.10	.841 21.36	1.078 27.38	Blue	.170 4.32	328998*	2-328998-1
		3/8	.531 13.49	.546 13.87	.950 24.13	1.218 30.94	Blue	.150 3.81	320564*	2-320564-3
			.531 13.49	.546 13.87	.950 24.13	1.218 30.94	Blue	.170 4.32	328999*	2-328999-1
		1/2 M12	.713 18.11	.530 13.46	.934 23.72	1.293 32.84	Blue	.150 3.81	328976	—
			.713 18.11	.530 13.46	.934 23.72	1.293 32.84	Blue	.170 4.32	328849*	—
16-14HD ¹ 2,050-5,180 [1.04-2.62]	.050 1.27	4	.281 7.14	.219 5.56	.810 20.57	.953 24.21	Yellow/Blk.	.230 5.84	33734	—
		6 M3.5	.281 7.14	.219 5.56	.810 20.57	.953 24.21	Yellow/Blk.	.230 5.84	320631*	2-320631-1
			.281 7.14	.219 5.56	.810 20.57	.953 24.21	Yellow/Blk.	.250 6.35	35634*	—
			.343 8.71	.281 7.14	.872 22.15	1.046 26.57	Yellow/Blk.	.230 5.84	33724	—
		8 M4	.343 8.71	.281 7.14	.872 22.15	1.046 26.57	Yellow/Blk.	.230 5.84	320627*	1-320627-0
			.343 8.71	.281 7.14	.872 22.15	1.046 26.57	Yellow/Blk.	.250 6.35	35106*	2-35106-1
		10	.343 8.71	.281 7.14	.872 22.15	1.046 26.57	Yellow/Blk.	.230 5.84	320630*	2-320630-2
			.343 8.71	.281 7.14	.872 22.15	1.046 26.57	Yellow/Blk.	.250 6.35	34805*	2-34805-1
			.500 12.70	.344 8.74	1.179 29.95	1.432 36.37	Yellow/Blk.	.220 5.59	329391	—
			.500 12.70	.344 8.74	.935 23.75	1.188 30.18	Yellow/Blk.	.230 5.84	34974*	2-34974-1
		1/4 M6	.500 12.70	.344 8.74	.935 23.75	1.188 30.18	Yellow/Blk.	.250 6.35	323682	2-323682-1
			.531 13.49	.437 11.10	1.028 26.11	1.296 32.92	Yellow/Blk.	.230 5.84	327743	1-327743-1
			.531 13.49	.437 11.10	1.028 26.11	1.296 32.92	Yellow/Blk.	.250 6.35	34806*	2-34806-3
			.531 13.49	.437 11.10	1.028 26.11	1.296 32.92	Blue	.250 6.35	—	2-34806-2
		5/16 M8	.531 13.49	.437 11.10	1.028 26.11	1.296 32.92	Yellow/Blk.	.250 6.35	34810	1-34810-1

*Available in small packaging quantities.

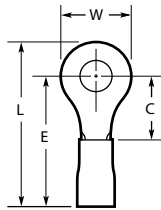
¹Heavy duty for extra mechanical strength.

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

PIDG Terminals and Splices (Continued)

Ring Tongue Terminals

(Continued)



Material

Insulation-Nylon, UL 94V-2

Terminal Body and Metallic Sleeve-Copper per ASTM B-152

Plating-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. 66

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
16-14HD ¹ 2,050-5,180 [1.04-2.62]	.050 1.27	3/8	.531 13.49	.437 11.10	1.028 26.11	1.296 32.92	Yellow/Blk.	.230 5.84	330896	—
		1/2 M12	.750 19.05	.625 15.88	1.216 30.89	1.594 40.49	Yellow/Blk.	.250 6.35	35316*	—
			1.250 31.75	1.000 25.40	1.591 40.41	2.219 56.36	Yellow/Blk.	.250 6.35	36203	—
		3/4	1.250 31.75	1.000 25.40	1.591 40.41	2.219 56.36	Yellow/Blk.	.250 6.35	322724	—
		4	.281 7.14	.219 5.56	.810 20.57	.953 24.21	Yellow	.250 6.35	35148*	1-35148-1
			.281 7.14	.219 5.56	.810 20.57	.953 24.21	Yellow	.230 5.84	320634*	2-320634-1
12-10 5,180-13,100 [2.62-6.64]	.042 1.07	6 M3.5	.281 7.14	.219 5.56	.810 20.57	.953 24.21	Yellow	.250 6.35	35149*	2-35149-1
			.312 7.92	.302 7.67	.893 22.68	1.052 26.72	Yellow	.230 5.84	326886	326886-1
			.375 9.53	.302 7.67	.893 22.68	1.083 27.51	Yellow	.230 5.84	320567*	2-320567-2
			.375 9.53	.302 7.67	.893 22.68	1.083 27.51	Yellow	.250 6.35	35107*	2-35107-1
			.312 7.92	.281 7.14	.872 22.15	1.031 26.19	Yellow	.230 5.84	35787*	1-35787-0
			.312 7.92	.302 7.67	.893 22.68	1.052 26.72	Yellow	.230 5.84	324915*	—
		8 M4	.375 9.53	.302 7.67	.893 22.68	1.083 27.51	Yellow	.230 5.84	320568*	2-320568-1
			.375 9.53	.302 7.67	.893 22.68	1.083 27.51	Yellow	.250 6.35	35108*	2-35108-1
			.312 7.92	.302 7.67	.893 22.68	1.052 26.72	Yellow	.230 5.84	324918*	1-324918-0
			.343 8.71	.281 7.14	.872 22.15	1.046 26.57	Yellow	.230 5.84	32883*	1-32883-0
			.375 9.53	.302 7.67	.893 22.68	1.083 27.51	Yellow	.230 5.84	36161*	2-36161-2
			.375 9.53	.302 7.67	.893 22.68	1.083 27.51	Yellow	.250 6.35	35109*	2-35109-1
		10	.500 12.70	.344 8.74	.935 23.75	1.188 30.18	Yellow	.230 5.84	2-323762-1	2-323762-3
			.500 12.70	.344 8.74	1.179 29.95	1.432 36.37	Yellow	.220 5.59	329389	—
			.500 12.70	.344 8.74	.935 23.75	1.188 30.18	Yellow	.230 5.84	35273*	2-35273-2
			.531 13.49	.468 11.89	1.054 26.77	1.322 33.58	Yellow	.230 5.84	320569*	2-320569-3
			.531 13.49	.468 11.89	1.054 26.77	1.322 33.58	Yellow	.230 5.84	—	2-32545-4 ²
			.531 13.49	.468 11.89	1.054 26.77	1.322 33.58	Yellow	.250 6.35	35110*	2-35110-1

*Available in small packaging quantities.

¹Heavy duty for extra mechanical strength.

²Terminal body plating — Gold per MIL-G-45204 Type II over Nickel per QQ-N-290.

³Terminal body plating — Nickel per QQ-N-290.

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

PIDG Terminals and Splices (Continued)

Ring 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.			Loose Piece	Tape Mounted
12-10 5,180-13,100 [2.62-6.64]	.042 1.07	M5	.375 9.53	.302 7.67	.967 24.56	1.160 29.46	Yellow	.300 7.62	—	55157-2 ¹
		5/16 M8	.531 13.49	.468 11.89	1.054 26.77	1.322 33.58	Yellow	.230 5.84	320576*	2-320576-1
			.531 13.49	.468 11.89	1.054 26.77	1.322 33.58	Yellow	.250 6.35	35111*	2-35111-1
		3/8	.593 15.06	.531 13.49	1.115 28.32	1.414 35.92	Yellow	.230 5.84	320577*	2-320577-3
			.593 15.06	.531 13.49	1.115 28.32	1.414 35.92	Yellow	.250 6.35	35112*	—
			.750 19.05	.625 15.88	1.216 30.89	1.594 40.49	Yellow	.250 6.35	35150	—
			.715 18.16	.474 12.04	1.065 27.05	1.414 35.92	Yellow	.230 5.84	52077	—
		1/2 M12	.715 18.16	.560 14.22	1.151 29.24	1.511 38.38	Yellow	.230 5.84	331467	—
			.750 19.05	.625 15.88	1.216 30.89	1.594 40.49	Yellow	.230 5.84	323784	—
			.750 19.05	.625 15.88	1.216 30.89	1.594 40.49	Yellow	.250 6.35	35151*	—
		5/8 M16	1.250 31.75	1.000 25.40	1.591 40.41	2.219 56.36	Yellow	.230 5.84	324615	—

*Available in small packaging quantities.

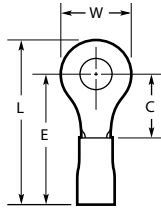
Note: "C" dimension applies from edge of metal wire barrel to center of stud hole.

¹Vinyl insulation material

PIDG Terminals and Splices (Continued)

Ring Tongue Terminals

(Vinyl)



Material

Insulation-Vinyl, UL 94V-0

Terminal Body and Metallic Sleeve-Copper per ASTM B-152

Plating-Tin per ASTM B-545 except where noted.

Wire Size Circular Mills [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 M3.5	.281 7.14	.250 6.35	.654 16.61	.797 20.24	Red	.140 3.56	31885	—
			.312 7.92	.281 7.14	.685 17.40	.844 21.44	Red	.125 3.18	31888	—
		8 M4	.312 7.92	.281 7.14	.685 17.40	.844 21.44	Red	.125 3.18	2-31888-1 ²	—
			.281 7.14	.250 6.35	.654 16.61	.797 20.24	Red	.125 3.18	31884	—
		10	.312 7.92	.281 7.14	.685 17.40	.844 21.44	Red	.140 3.56	31891	—
			.312 7.92	.250 6.35	.654 16.61	.813 20.65	Blue	.170 4.32	—	2-322238-1
16-14 2,050-5,180 [1.04-2.62]	.033 0.84	10	.312 7.92	.281 7.14	.685 17.40	.844 21.44	Blue	.150 3.81	—	51861-4
			.343 8.71	.281 7.14	.685 17.40	.859 21.82	Blue	.170 4.32	31903	—
			.343 8.71	.281 7.14	.961 24.41	1.135 28.83	Yellow/Blk.	.300 7.62	35363*	—
16-14HD ¹ 2,050-5,180 [1.04-2.62]	.050 1.27	1/4 M6	.531 13.49	.437 11.10	1.117 28.37	1.385 35.18	Yellow/Blk.	.300 7.62	35362*	—
		5/16 M8	.531 13.49	.437 11.10	1.117 28.37	1.385 35.18	Yellow/Blk.	.300 7.62	35538	—
		1/2 M12	1.250 31.75	1.000 25.40	1.680 42.67	2.308 58.62	Yellow/Blk.	.300 7.62	36485	—
		6 M3.5	.375 9.53	.302 7.67	.982 24.94	1.172 29.77	Yellow	.300 7.62	35604	—
12-10 5,180-13,100 [2.62-6.64]	.042 1.07	8 M4	.375 9.53	.302 7.67	.982 24.94	1.172 29.77	Yellow	.300 7.62	35605*	2-35605-2
		10	.375 9.53	.302 7.67	.982 24.94	1.172 29.77	Yellow	.300 7.62	35364*	2-35364-1
		5mm ³	.375 9.53	.302 7.67	.967 24.56	1.160 29.46	Yellow	.300 7.62	—	55157-2
		1/4 M6	.500 12.70	.344 8.74	1.024 26.01	1.277 32.44	Yellow	.300 7.62	323763	2-323763-2
			.531 13.49	.468 11.89	1.148 29.16	1.416 35.97	Yellow	.300 7.62	35345*	2-35345-1
		5/16 M8	.531 13.49	.468 11.89	1.148 29.16	1.416 35.97	Yellow	.300 7.62	35346*	2-35346-1
		3/8	.593 15.06	.531 13.49	1.211 30.76	1.510 38.35	Yellow	.300 7.62	35478	1-35478-0

*Available in small packaging quantities.

¹Heavy duty for extra mechanical strength.

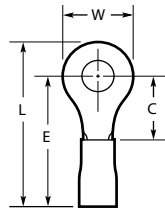
²Terminal body plating — Gold per MIL-G-45204 Type II over Nickel per QQ-N-290.

³#10 stud may be substituted.

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

PIDG Terminals and Splices (Continued)

Ring Tongue Terminals (Insulation Restricting)



Material

Insulation-Nylon, UL 94V-2

Terminal Body-Copper per ASTM B-152

Plating-Tin per ASTM B-545

Metallic Sleeve-Copper per ASTM B-152

Plating-Nickel per QQ-N-290 or 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. 66

Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions				Terminal Insulation Color Solid/Stripe	Wire Insulation Diameter Range	Part Numbers	
			W	C Min.	E Max.	L Max.			Loose Piece	Tape Mounted
26 304 [0.15]	.029 0.74	2 M2	.203 5.16	.211 5.36	.632 16.05	.739 18.77	Yellow/Black	.026-.055 0.66-1.40	53078'	—
		4	.203 5.16	.211 5.36	.632 16.05	.736 18.69	Yellow/Black	.026-.055 0.66-1.40	53049'	—
		6 M3.5	.250 6.35	.243 6.17	.664 16.87	.792 20.12	Yellow/Black	.026-.055 0.66-1.40	53050'	—
		8 M4	.281 7.14	.250 6.35	.671 17.04	.814 20.68	Yellow/Black	.026-.055 0.66-1.40	53051'	—
		10	.312 7.92	.281 7.14	.702 17.83	.863 21.92	Yellow/Black	.026-.055 0.66-1.40	53052'	—
24 475 [0.24]	.020 0.51	4	.203 5.16	.211 5.36	.587 14.91	.691 17.55	Yellow/Blue	.031-.055 0.79-1.40	2-323914-2	—
		6 M3.5	.250 6.35	.281 7.14	.657 16.69	.785 19.94	Yellow/Blue	.031-.055 0.79-1.40	2-326875-4	—
		8 M4	.250 6.35	.281 7.14	.657 16.69	.785 19.94	Yellow/Blue	.031-.055 0.79-1.40	2-323916-3	—
		10	.250 6.35	.281 7.14	.657 16.69	.785 19.94	Yellow/Blue	.031-.055 0.79-1.40	2-326875-5	—
	.029 0.74	2 M2	.203 5.16	.211 5.36	.632 16.05	.739 18.77	Yellow/Blue	.031-.055 0.79-1.40	53053'	—
		4	.203 5.16	.211 5.36	.632 16.05	.736 18.69	Yellow/Blue	.031-.055 0.79-1.40	53054'	—
		6 M3.5	.250 6.35	.243 6.17	.664 16.87	.792 20.12	Yellow/Blue	.031-.055 0.79-1.40	53055'	53055-1'
		8 M4	.281 7.14	.250 6.35	.671 17.04	.814 20.68	Yellow/Blue	.031-.055 0.79-1.40	53056'	—
		10	.312 7.92	.281 7.14	.702 17.83	.860 21.84	Yellow/Blue	.031-.055 0.79-1.40	53057'	53057-1'
		2 M2	.182 4.62	.172 4.37	.638 16.21	.731 18.57	Red/Green	.038-.110 0.97-2.79	52307	—
22 754 [0.38]	.033 0.84	4	.218 5.54	.156 3.96	.622 15.80	.734 18.64	Red/Green	.038-.110 0.97-2.79	52273*	—
		6 M3.5	.218 5.54	.156 3.96	.622 15.80	.734 18.64	Red/Green	.038-.110 0.97-2.79	2-36149-3*	—
			.250 6.35	.250 6.35	.716 18.19	.844 21.44	Red/Green	.038-.110 0.97-2.79	51863-2*	51863-5
		8 M4	.312 7.92	.281 7.14	.747 18.97	.906 23.01	Red/Green	.038-.110 0.97-2.79	1-320551-2*	1-320551-5
		10	.312 7.92	.281 7.14	.747 18.97	.906 23.01	Red/Green	.038-.110 0.97-2.79	2-36153-3*	2-36153-6
		1/4 M6	.469 11.91	.437 11.10	.903 22.94	1.140 28.96	Red/Green	.038-.110 0.97-2.79	2-320571-3	—
		5/16 M8	.469 11.91	.437 11.10	.903 22.94	1.140 28.96	Red/Green	.038-.110 0.97-2.79	2-320572-2	—
		3/8	.531 13.49	.546 13.87	1.012 25.70	1.280 32.51	Red/Green	.038-.110 0.97-2.79	2-320573-1	—
		1/2 M12	.713 18.11	.530 13.46	.996 25.30	1.355 34.42	Red/Green	.038-.110 0.97-2.79	2-328975-1	—

*Available in small packaging quantities.

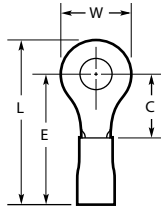
Note: "C" dimension applies from edge of metal wire barrel to center of stud hole.

†Must be crimped with 22-18 or 22-16 PIDG (red) Tooling.

PIDG Terminals and Splices (Continued)

Ring Tongue Terminals (Insulation Restricting)

(Continued)



Material

Insulation-Nylon, UL 94V-2

Terminal Body-Copper per ASTM B-152

Plating-Tin per ASTM B-545

Metallic Sleeve-Copper per ASTM B-152

Plating-Nickel per QQ-N-290 or 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. 66

Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions				Terminal Insulation Color Solid/Stripe	Wire Insulation Diameter Range	Part Numbers	
			W	C Min.	E Max.	L Max.			Loose Piece	Tape Mounted
20 1,186 [0.60]	.033 0.84	2 M2	.182 4.62	.172 4.37	.638 16.21	.731 18.57	Red/Red	.046-.110 1.17-2.79	52307-1	—
		4	.218 5.54	.156 3.96	.622 15.80	.734 18.64	Red/Red	.046-.110 1.17-2.79	52273-1*	—
		6 M3.5	.218 5.54	.156 3.96	.622 15.80	.734 18.64	Red/Red	.046-.110 1.17-2.79	2-36149-4*	—
		8 M4	.250 6.35	.250 6.35	.716 18.19	.844 21.44	Red/Red	.046-.110 1.17-2.79	51863-3	51863-6
		10	.312 7.92	.281 7.14	.747 18.97	.906 23.01	Red/Red	.046-.110 1.17-2.79	1-320551-3*	1-320551-7
		1/4 M6	.312 7.92	.281 7.14	.747 18.97	.906 23.01	Red/Red	.046-.110 1.17-2.79	2-36153-4*	—
		5/16 M8	.469 11.91	.437 11.10	.903 22.94	1.140 28.96	Red/Red	.046-.110 1.17-2.79	2-320571-4	—
		3/8	.469 11.91	.437 11.10	.903 22.94	1.140 28.96	Red/Red	.046-.110 1.17-2.79	2-320572-3	—
		1/2 M12	.531 13.49	.546 13.87	1.012 25.70	1.280 32.51	Red/Red	.046-.110 1.17-2.79	2-320573-2	—
		1/2 M12	.713 18.11	.530 13.46	.996 25.30	1.355 34.42	Red/Red	.046-.110 1.17-2.79	2-328975-2	—
18 1,900 [0.96]	.033 0.84	4	.218 5.54	.156 3.96	.622 15.80	.734 18.64	Red/White	.056-.110 1.42-2.79	52273-2*	—
		6 M3.5	.218 5.54	.156 3.96	.622 15.80	.734 18.64	Red/White	.056-.110 1.42-2.79	2-36149-5*	—
		8 M4	.250 6.35	.250 6.35	.716 18.19	.844 21.44	Red/White	.056-.110 1.42-2.79	51863-4*	51863-7
		10	.312 7.92	.281 7.14	.747 18.97	.906 23.01	Red/White	.056-.110 1.42-2.79	1-320551-4*	1-320551-8
		1/4 M6	.312 7.92	.281 7.14	.747 18.97	.906 23.01	Red/White	.056-.110 1.42-2.79	2-36153-5*	2-36153-9
		5/16 M8	.469 11.91	.437 11.10	.903 22.94	1.140 28.96	Red/White	.056-.110 1.42-2.79	2-320571-5	—
		3/8	.469 11.91	.437 11.10	.903 22.94	1.140 28.96	Red/White	.056-.110 1.42-2.79	2-320572-4	2-320574-7
		1/2 M12	.531 13.49	.546 13.87	1.012 25.70	1.280 32.51	Red/White	.056-.110 1.42-2.79	2-320573-3	—
		1/2 M12	.713 18.11	.530 13.46	.996 25.30	1.355 34.42	Red/White	.056-.110 1.42-2.79	2-328975-3	—
		4	.250 6.35	.171 4.34	.637 16.18	.765 19.43	Blue/Blue	.063-.130 1.60-3.30	52274	—
16 2,800 [1.42]	.033 0.84	6 M3.5	.250 6.35	.171 4.34	.637 16.18	.765 19.43	Blue/Blue	.063-.130 1.60-3.30	2-320561-3*	2-320561-5
		8 M4	.312 7.92	.281 7.14	.747 18.97	.906 23.01	Blue/Blue	.063-.130 1.60-3.30	51864-6*	1-51864-2
		10	.312 7.92	.281 7.14	.747 18.97	.906 23.01	Blue/Blue	.063-.130 1.60-3.30	1-51864-0*	1-51864-6
		1/4 M6	.312 7.92	.281 7.14	.747 18.97	.906 23.01	Blue/Blue	.063-.130 1.60-3.30	51864-7*	—
		5/16 M8	.469 11.91	.437 11.10	.903 22.94	1.140 28.96	Blue/Blue	.063-.130 1.60-3.30	2-320563-3	—
		3/8	.469 11.91	.437 11.10	.903 22.94	1.140 28.96	Blue/Blue	.063-.130 1.60-3.30	2-320575-2	—
		1/2 M12	.531 13.49	.546 13.87	1.012 25.70	1.280 32.51	Blue/Blue	.063-.130 1.60-3.30	2-320564-1	—
		1/2 M12	.713 18.11	.530 13.46	.996 25.30	1.355 34.42	Blue/Blue	.063-.130 1.60-3.30	2-328976-1	—

*Available in small packaging quantities.

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

PIDG Terminals and Splices (Continued)

Ring Tongue Terminals

(Insulation Restricting)

(Continued)

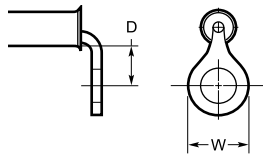
Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions				Terminal Insulation Color Solid/Stripe	Wire Insulation Diameter Range	Part Numbers	
			W	C Min.	E Max.	L Max.			Loose Piece	Tape Mounted
14 4,234 [2.15]	.033 0.84	4	.250 6.35	.171 4.34	.637 16.18	.765 19.43	Blue/Green	.078-.130 1.98-3.30	52274-1	—
		6	.250 6.35	.171 4.34	.637 16.18	.765 19.43	Blue/Green	.078-.130 1.98-3.30	2-320561-4	—
		M3.5	.312 7.92	.281 7.14	.747 18.97	.906 23.01	Blue/Green	.078-.130 1.98-3.30	51864-8*	1-51864-4
		8	.312 7.92	.281 7.14	.747 18.97	.906 23.01	Blue/Green	.078-.130 1.98-3.30	1-51864-1*	1-51864-7
		M4	.312 7.92	.281 7.14	.747 18.97	.906 23.01	Blue/Green	.078-.130 1.98-3.30	51864-9*	1-51864-5
		10	.312 7.92	.281 7.14	.747 18.97	.906 23.01	Blue/Green	.078-.130 1.98-3.30	51864-9*	1-51864-5
		1/4	.469 11.91	.437 11.10	.903 22.94	1.140 28.96	Blue/Green	.078-.130 1.98-3.30	2-320563-4	—
		M6	.469 11.91	.437 11.10	.903 22.94	1.140 28.96	Blue/Green	.078-.130 1.98-3.30	2-320563-4	—
		5/16	.469 11.91	.437 11.10	.903 22.94	1.140 28.96	Blue/Green	.078-.130 1.98-3.30	2-320575-3	—
12 6,654 [3.37]	.042 1.07	M8	.531 13.49	.546 13.87	1.012 25.70	1.280 32.51	Blue/Green	.078-.130 1.98-3.30	2-320564-2	—
		3/8	.713 18.11	.530 13.46	.996 25.30	1.355 34.42	Blue/Green	.078-.130 1.98-3.30	2-328976-2	—
		1/2	.713 18.11	.530 13.46	.996 25.30	1.355 34.42	Blue/Green	.078-.130 1.98-3.30	2-328976-2	—
		M12	.713 18.11	.530 13.46	.996 25.30	1.355 34.42	Blue/Green	.078-.130 1.98-3.30	2-328976-2	—
		6	.375 9.53	.302 7.67	.958 24.33	1.148 29.16	Yellow/Yellow	.095-.200 2.41-5.08	2-36161-5	—
		M3.5	.375 9.53	.302 7.67	.958 24.33	1.148 29.16	Yellow/Yellow	.095-.200 2.41-5.08	2-36161-5	—
		8	.375 9.53	.302 7.67	.958 24.33	1.148 29.16	Yellow/Yellow	.095-.200 2.41-5.08	2-320568-2*	—
		M4	.375 9.53	.302 7.67	.958 24.33	1.148 29.16	Yellow/Yellow	.095-.200 2.41-5.08	2-320568-2*	—
		10	.375 9.53	.302 7.67	.958 24.33	1.148 29.16	Yellow/Yellow	.095-.200 2.41-5.08	2-36161-3*	—
10 12,066 [6.11]	.042 1.07	M6	.531 13.49	.468 11.89	1.124 28.55	1.392 35.36	Yellow/Yellow	.095-.200 2.41-5.08	2-320569-5	—
		5/16	.531 13.49	.468 11.89	1.124 28.55	1.392 35.36	Yellow/Yellow	.095-.200 2.41-5.08	2-320576-2	—
		M8	.531 13.49	.468 11.89	1.124 28.55	1.392 35.36	Yellow/Yellow	.095-.200 2.41-5.08	2-320576-2	—
		3/8	.593 15.06	.531 13.49	1.187 30.15	1.486 37.74	Yellow/Yellow	.095-.200 2.41-5.08	2-320577-1	—
		1/2	.715 18.16	.474 12.04	1.130 28.70	1.490 37.85	Yellow/Yellow	.095-.200 2.41-5.08	52077-1	—
		M12	.715 18.16	.474 12.04	1.130 28.70	1.490 37.85	Yellow/Yellow	.095-.200 2.41-5.08	52077-1	—
		6	.375 9.53	.302 7.67	.958 24.33	1.148 29.16	Yellow/Brown	.119-.200 3.02-5.08	2-36161-6	3-36161-0
		M3.5	.375 9.53	.302 7.67	.958 24.33	1.148 29.16	Yellow/Brown	.119-.200 3.02-5.08	2-36161-6	3-36161-0
		8	.375 9.53	.302 7.67	.958 24.33	1.148 29.16	Yellow/Brown	.119-.200 3.02-5.08	2-320568-3*	—
10 12,066 [6.11]	.042 1.07	M4	.375 9.53	.302 7.67	.958 24.33	1.148 29.16	Yellow/Brown	.119-.200 3.02-5.08	2-320568-3*	—
		10	.375 9.53	.302 7.67	.958 24.33	1.148 29.16	Yellow/Brown	.119-.200 3.02-5.08	2-36161-4	2-36161-8
		M6	.531 13.49	.468 11.89	1.124 28.55	1.392 35.36	Yellow/Brown	.119-.200 3.02-5.08	2-320569-6	2-320569-8
		5/16	.531 13.49	.468 11.89	1.124 28.55	1.392 35.36	Yellow/Brown	.119-.200 3.02-5.08	2-320576-3	—
		M8	.531 13.49	.468 11.89	1.124 28.55	1.392 35.36	Yellow/Brown	.119-.200 3.02-5.08	2-320576-3	—
		3/8	.593 15.06	.531 13.49	1.187 30.15	1.486 37.74	Yellow/Brown	.119-.200 3.02-5.08	2-320577-2	—
		1/2	.715 18.16	.474 12.04	1.130 28.70	1.490 37.85	Yellow/Brown	.119-.200 3.02-5.08	52077-2	—
		M12	.715 18.16	.474 12.04	1.130 28.70	1.490 37.85	Yellow/Brown	.119-.200 3.02-5.08	52077-2	—

*Available in small packaging quantities.

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

PIDG Terminals and Splices (Continued)

Ring Tongue Terminals 90° Bend



Material

Insulation-Vinyl, UL 94V-0

Terminal Body and Metallic Sleeve-Copper per ASTM B-152

Plating-Tin per ASTM B-545

Related Product Data

Insulation Color Code-pg. 4

Packaging Quantities-pg. 4

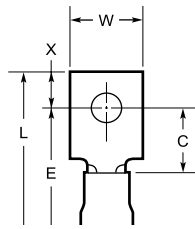
Performance Specifications-pgs. 4 & 5

Application Tooling-pg. 66

	Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions		Terminal Insulation Color	Wire Insulation Diameter Max.	Part Number Loose Piece
				W	D Min.			
Vinyl	22-16 509-3,260 [0.26-1.65]	.033 0.84	10	.312 7.92	.157 3.99	Red	.140 3.56	55148-1
Nylon	12-10 5,180-13,100 [2.62-6.64]	.040 1.02	6	.375 9.53	.206 5.23	Yellow	.250 6.35	696020-1

PIDG Terminals and Splices (Continued)

Rectangular Tongue Terminals



Material

Insulation -Nylon except where noted.

Terminal Body and Metallic Sleeve -Copper per ASTM B-152 except where noted.

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. 66

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
26-22 202-810 [0.10-0.41]	.020 0.51	2 M2	.182 4.62	.211 5.36	.542 13.77	.647 16.43	.100 2.54	Yellow	.082 2.08	321206 ²	—
		6 M3.5	.277 7.04	.308 7.82	.643 16.33	.783 19.89	.130 3.30	Yellow	.082 2.08	330250	—
		2 M2	.182 4.62	.203 5.16	.607 15.42	.727 18.47	.115 2.92	Red	.125 3.18	325148	—
		4	.237 6.02	.237 6.02	.643 16.33	.796 20.22	.143 3.63	Red	.140 3.56	2-327968-1	—
			.237 6.02	.404 10.26	.810 20.57	1.015 25.78	.195 4.95	Red	.140 3.56	327962	—
		5 M3	.250 6.35	.187 4.75	.591 15.01	.736 18.69	.140 3.56	Red	.140 3.56	55777-1	—
			.277 7.04	.277 7.04	.702 17.83	.855 21.72	.143 3.63	Red	.140 3.56	2-327950-1	—
		6 M3.5	.237 6.02	.404 10.26	.810 20.57	1.015 25.78	.195 4.95	Red	.140 3.56	2-327956-1	—
			.250 6.35	.312 7.92	.716 18.19	.846 21.49	.125 3.18	Red	.125 3.18	320629	2-320629-1
			.250 6.35	.312 7.92	.716 18.19	.846 21.49	.125 3.18	Red	.140 3.56	33476*	2-33476-1
22-16 509-3,260 [0.26-1.65]	.033 0.84	8 M4	.302 7.67	.465 11.81	.872 22.15	1.109 28.17	.227 5.77	Red	.140 3.56	2-327938-1	2-327938-2
			.302 7.67	.465 11.81	.872 22.15	1.109 28.17	.227 5.77	Red	.140 3.56	327944*	2-327944-2
		10	.390 9.91	.621 15.77	1.039 26.39	1.359 34.52	.310 7.87	Red	.140 3.56	327932	—
			.312 7.92	.281 7.14	.685 17.40	.893 22.68	.203 5.16	Red	.140 3.56	320209*	—
		4	.237 6.02	.237 6.02	.643 16.33	.796 20.22	.143 3.63	Blue	.150 3.81	2-327970-4	—
			.237 6.02	.404 10.26	.810 20.57	1.015 25.78	.195 4.95	Blue	.150 3.81	2-327964-4	—
		5 M3	.244 6.20	.312 7.92	.716 18.19	.856 21.74	.125 3.18	Blue	.150 3.81	—	55694-1 ¹
			.277 7.04	.277 7.04	.702 17.83	.855 21.72	.143 3.63	Blue	.150 3.81	2-327952-2	—
		16-14 2,050-5,180 [1.04-2.62]	.237 6.02	.237 6.02	.643 16.33	.796 20.22	.143 3.63	Blue	.150 3.81	2-327970-4	—
			.237 6.02	.404 10.26	.810 20.57	1.015 25.78	.195 4.95	Blue	.150 3.81	2-327964-4	—

*Available in small packaging quantities.

¹Insulation - Vinyl

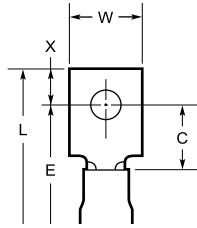
²Terminal Body - Brass per MIL-C-50.

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

PIDG Terminals and Splices (Continued)

Rectangular Tongue Terminals

(Continued)



Material

Insulation -Nylon except where noted.

Terminal Body and Metallic Sleeve -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. 66

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	.237 6.02	.404 10.26	.810 20.57	1.015 25.78	.195 4.95	Blue	.150 3.81	2-327958-4	—
			.237 6.02	.404 10.26	.810 20.57	1.015 25.78	.195 4.95	Blue	.170 4.32	2-327958-1	—
			.244 6.20	.312 7.92	.716 18.19	.856 21.74	.125 3.18	Blue	.150 3.81	33172	—
			.244 6.20	.312 7.92	.716 18.19	.856 21.74	.125 3.18	Blue	.170 4.32	33173*	—
			.296 7.52	.203 5.16	.607 15.42	.752 19.10	.140 3.56	Blue	.150 3.81	33168	—
			.302 7.67	.465 11.81	.872 22.15	1.109 28.17	.227 5.77	Blue	.150 3.81	2-327940-4	—
		8 M4	.244 6.20	.312 7.92	.716 18.19	.856 21.74	.125 3.18	Blue	.170 4.32	35279	—
			.296 7.52	.343 8.71	.747 18.97	.939 23.85	.187 4.75	Blue	.170 4.32	321283*	—
			.302 7.67	.465 11.81	.872 22.15	1.109 28.17	.227 5.77	Blue	.150 3.81	2-327946-4	—
			.390 9.91	.621 15.77	1.039 26.39	1.359 34.52	.310 7.87	Blue	.150 3.81	2-327934-2	—
		10	.312 7.92	.281 7.14	.685 17.40	.940 23.88	.250 6.35	Blue	.170 4.32	324603	—
		4	.237 6.02	.237 6.02	.831 21.11	.984 24.99	.143 3.63	Yellow	.230 5.84	327972	—
			.237 6.02	.404 10.26	.998 25.35	1.203 30.56	.195 4.95	Yellow	.230 5.84	327966	—
12-10 5,180-13,100 [2.62-6.64]	.042 1.07	5 M3	.277 7.04	.277 7.04	.889 22.58	1.042 26.47	.143 3.63	Yellow	.230 5.84	327954	2-327954-2
		6 M3.5	.237 6.02	.404 10.26	.998 25.35	1.203 30.56	.195 4.95	Yellow	.230 5.84	2-327960-1	2-327960-2
			.250 6.35	.302 7.67	.893 22.68	1.085 27.56	.187 4.75	Yellow	.230 5.84	329697	—
			.290 7.37	.218 5.54	.809 20.55	.954 24.23	.140 3.56	Yellow	.230 5.84	34512	—
			.302 7.67	.465 11.81	1.044 26.52	1.281 32.54	.227 5.77	Yellow	.230 5.84	327942	—
		8 M4	.302 7.67	.465 11.81	1.044 26.52	1.281 32.54	.227 5.77	Yellow	.230 5.84	327948	—
			.302 7.67	.465 11.81	1.077 27.36	1.247 31.67	.160 4.06	Yellow	.230 5.84	331268	2-331268-1
			.390 9.91	.621 15.77	1.211 30.76	1.531 38.89	.310 7.87	Yellow	.230 5.84	327936	—

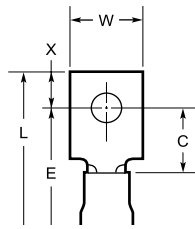
*Available in small packaging quantities.

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

PIDG Terminals and Splices (Continued)

Rectangular Tongue Terminals

(Continued)



Material

Insulation -Nylon, UL 94V-2

Terminal Body -Copper per ASTM B-152

Plating -Tin per ASTM B-545

Metallic Sleeve -Copper per ASTM B-152

Plating — Nickel per QQ-N-290

Related Product Data

Insulation Color Code -pg. 4

Packaging Quantities -pg. 4

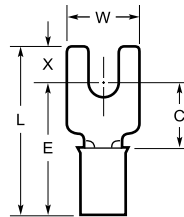
Performance Specifications -pgs. 4 & 5

Application Tooling -pg. 66

Wire Size Circular Mils [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions					Terminal Insulation Color Solid/Stripe	Wire Insulation Diameter Range	Part Numbers	
			W	C Min.	E Max.	L Max.	X			Loose Piece	
24 475 [0.24]	.020 0.51	6 M3.5	.312 7.92	.308 7.82	.683 17.35	.875 22.23	.187 4.75	Yellow/Blue	.031-.055 0.79-1.40	2-326876-2	
10 12,066 [6.11]	.042 1.07	5 M3	.277 7.04	.277 7.04	.934 23.72	1.087 27.61	.143 3.63	Yellow/Brown	.119-.200 3.02-5.08	53912-2	
		8 M4	.390 9.91	.621 15.77	1.276 32.41	1.596 40.54	.310 7.87	Yellow/Brown	.119-.200 3.02-5.08	53914-2	

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

Spade Tongue Terminals



Material

Insulation -Nylon, UL 94V-2

Terminal Body and Metallic Sleeve -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. 66

Wire Size Circular Mils [mm²]	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
26-24 238-475 [0.12-0.24]	.029 0.74	6 M3.5	.250 6.35	.211 5.36	.632 16.05	.709 18.01	.072 1.83	Yellow	.095 2.41	—	53115-2
26-22 202-810 [0.10-0.41]	.020 0.51	0	.125 3.18	.078 1.98	.409 10.39	.476 12.09	.062 1.57	Yellow	.082 2.08	322001	—
		4	.203 5.16	.211 5.36	.542 13.77	.627 15.93	.076 1.93	Yellow	.082 2.08	321035*	2-321035-1
		2 M2	.182 4.62	.203 5.16	.607 15.42	.727 18.47	.115 2.92	Red	.140 3.56	328394*	2-328394-1
		4	.218 5.54	.156 3.96	.560 14.22	.674 17.12	.109 2.77	Red	.125 3.18	1-327717-0	—
			.218 5.54	.156 3.96	.560 14.22	.674 17.12	.109 2.77	Red	.140 3.56	327717*	1-327717-2
		6 M3.5	.250 6.35	.312 7.92	.716 18.19	.846 21.49	.125 3.18	Red	.140 3.56	34541*	2-34541-1
			.297 7.54	.203 5.16	.607 15.42	.753 19.13	.141 3.58	Red	.125 3.18	34080*	2-34080-1
			.297 7.54	.203 5.16	.607 15.42	.753 19.13	.141 3.58	Red	.140 3.56	326861*	2-326861-1
			.344 8.74	.218 5.54	.622 15.80	.783 19.89	.156 3.96	Red	.125 3.18	32403	—
		8 M4	.344 8.74	.218 5.54	.622 15.80	.783 19.89	.156 3.96	Red	.140 3.56	32404	2-32404-1
			.375 9.53	.312 7.92	.716 18.19	.908 23.06	.187 4.75	Red	.125 3.18	32050*	2-32050-1
			.375 9.53	.312 7.92	.716 18.19	.908 23.06	.187 4.75	Red	.140 3.56	32053*	2-32053-1
			.375 9.53	.312 7.92	.716 18.19	.908 23.06	.187 4.75	Red	.125 3.18	32051*	2-32051-1
22-16 509-3,260 [0.26-1.65]	.033 0.84	10	.375 9.53	.312 7.92	.716 18.19	.908 23.06	.187 4.75	Red	.140 3.56	32054*	2-32054-1

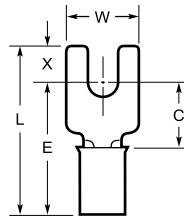
*Available in small packaging quantities.

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

PIDG Terminals and Splices (Continued)

Spade Tongue Terminals

(Continued)



Material

Insulation -Nylon, UL 94V-2

Terminal Body and Metallic Sleeve -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

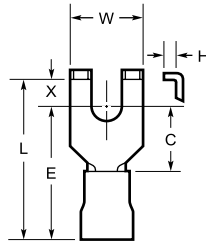
Application Tooling -pg. 66

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	.244 6.20	.312 7.92	.716 18.19	.846 21.49	.125 3.18	Blue	.170 4.32	328281*	1-328281-1
			.297 7.54	.203 5.16	.607 15.42	.753 19.13	.141 3.58	Blue	.170 4.32	35559*	2-35559-1
			.385 9.78	.312 7.92	.716 18.19	.908 23.06	.187 4.75	Blue	.170 4.32	32058*	—
		8 M4	.297 7.54	.203 5.16	.607 15.42	.753 19.13	.141 3.58	Blue	.170 4.32	321233*	2-321233-1
			.312 7.92	.375 9.53	.779 19.79	1.034 26.26	.250 6.35	Blue	.170 4.32	325199	—
			.385 9.78	.312 7.92	.716 18.19	.908 23.06	.187 4.75	Blue	.150 3.81	32056*	2-32056-1
		10	.385 9.78	.312 7.92	.716 18.19	.908 23.06	.187 4.75	Blue	.170 4.32	32059*	2-32059-1
			.385 9.78	.312 7.92	.716 18.19	.908 23.06	.187 4.75	Blue	.150 3.81	32057	—
			.385 9.78	.312 7.92	.716 18.19	.908 23.06	.187 4.75	Blue	.170 4.32	32060*	2-32060-1
		6 M3.5	.290 7.37	.218 5.54	.809 20.55	.954 24.23	.140 3.56	Yellow	.230 5.84	322985*	1-322985-0
			.312 7.92	.296 7.52	.887 22.53	1.095 27.81	.203 5.16	Yellow	.230 5.84	326859*	2-326859-1
			.312 7.92	.468 11.89	1.059 26.90	1.314 33.38	.250 6.35	Yellow	.230 5.84	325197	—
12-10 5,180-13,100 [2.62-6.64]	.042 1.07	8 M4	.406 10.31	.296 7.52	.887 22.53	1.095 27.81	.203 5.16	Yellow	.230 5.84	32588*	2-32588-1
			.406 10.31	.296 7.52	.887 22.53	1.095 27.81	.203 5.16	Yellow	.250 6.35	35152*	2-35152-1
			.406 10.31	.296 7.52	.887 22.53	1.095 27.81	.203 5.16	Yellow	.230 5.84	32589*	2-32589-1
		10	.406 10.31	.296 7.52	.887 22.53	1.095 27.81	.203 5.16	Yellow	.230 5.84	32589*	2-32589-1

*Available in small packaging quantities.

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

PIDG Terminals and Splices (Continued)

Flanged Spade Tongue Terminals

Material
Insulation -Nylon, UL 94V-2

Terminal Body and Metallic
Sleeve -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. 66

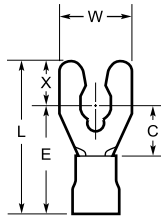
Wire Size Circular Mills [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions						Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers			
			W	C Min.	E Max.	L Max.	X	H Min.			Loose Piece	Tape Mounted		
26-22 202-810 [0.10-0.41]	.020 0.51	2 M2	.182 4.62	.203 5.16	.534 13.56	.649 16.48	.110 2.79	.026 0.66	Yellow	.082 2.08	324597*	2-324597-1		
		4	.193 4.90	.203 5.16	.534 13.56	.649 16.48	.110 2.79	.026 0.66	Yellow	.082 2.08	52369*	52369-1		
		6 M3.5	.250 6.35	.203 5.16	.534 13.56	.649 16.48	.110 2.79	.026 0.66	Yellow	.082 2.08	51874*	51874-1		
22-16 509-3,260 [0.26-1.65]	.033 0.84	2 M2	.182 4.62	.203 5.16	.607 15.42	.727 18.47	.115 2.92	.041 1.04	Red	.125 3.18	2-324608-2	—		
			.182 4.62	.203 5.16	.607 15.42	.727 18.47	.115 2.92	.041 1.04	Red	.140 3.56	324608*	2-324608-1		
		6 M3.5	.250 6.35	.203 5.16	.607 15.42	.737 18.72	.125 3.18	.046 1.17	Red	.125 3.18	322777*	2-322777-1		
			.265 6.73	.203 5.16	.607 15.42	.737 18.72	.125 3.18	.046 1.17	Red	.140 3.56	322426	—		
			.296 7.52	.203 5.16	.607 15.42	.737 18.72	.125 3.18	.046 1.17	Red	.125 3.18	32561*	2-32561-1		
			.296 7.52	.203 5.16	.607 15.42	.737 18.72	.125 3.18	.046 1.17	Red	.140 3.56	32562*	2-32562-1		
			.328 8.33	.203 5.16	.607 15.42	.737 18.72	.125 3.18	.046 1.17	Red	.140 3.56	324557	2-324557-1		
			.296 7.52	.203 5.16	.607 15.42	.737 18.72	.125 3.18	.046 1.17	Red	.140 3.56	2-32562-2	2-32562-3		
		8 M4	.416 10.57	.250 6.35	.654 16.61	.830 21.08	.171 4.34	.062 1.57	Red	.125 3.18	32497	2-32497-1		
			.416 10.57	.250 6.35	.654 16.61	.830 21.08	.171 4.34	.062 1.57	Red	.140 3.56	32498*	2-32498-1		
		10	.296 7.52	.203 5.16	.607 15.42	.737 18.72	.125 3.18	.046 1.17	Red	.140 3.56	1-331366-0	1-331366-1		
		16-14 2,050-5,180 [1.04-2.62]	.033 0.84	6 M3.5	.294 7.47	.203 5.16	.607 15.42	.737 18.72	.125 3.18	.047 1.19	Blue	.150 3.81	2-320861-2	2-320861-3
					.294 7.47	.203 5.16	.607 15.42	.737 18.72	.125 3.18	.047 1.19	Blue	.170 4.32	320861*	2-320861-1
					.328 8.33	.203 5.16	.607 15.42	.737 18.72	.125 3.18	.047 1.19	Blue	.170 4.32	324567*	—
				8 M4	.294 7.47	.203 5.16	.607 15.42	.737 18.72	.125 3.18	.047 1.19	Blue	.170 4.32	320862*	2-320862-1
.416 10.57	.250 6.35				.654 16.61	.830 21.08	.171 4.34	.062 1.57	Blue	.150 3.81	33155*	—		
.416 10.57	.250 6.35				.654 16.61	.830 21.08	.171 4.34	.062 1.57	Blue	.170 4.32	33156	2-33156-1		
10	.294 7.47			.203 5.16	.607 15.42	.737 18.72	.125 3.18	.052 1.19	Blue	.170 4.32	320863*	2-320863-2		
12-10 5,180-13,100 [2.62-6.64]	.042 1.07			6 M3.5	.296 7.52	.250 6.35	.841 21.36	1.017 25.83	.171 4.34	.052 1.32	Yellow	.230 5.84	324577	1-324577-0
		.296 7.52	.250 6.35		.841 21.36	1.017 25.83	.171 4.34	.052 1.32	Yellow	.250 6.35	325150*	—		
		.328 8.33	.250 6.35		.841 21.36	1.017 25.83	.171 4.34	.052 1.32	Yellow	.230 5.84	324587	—		
		8 M4	.416 10.57	.250 6.35	.841 21.36	1.017 25.83	.171 4.34	.052 1.32	Yellow	.230 5.84	32510*	2-32510-1		
			10	.416 10.57	.250 6.35	.841 21.36	1.017 25.83	.171 4.34	.052 1.32	Yellow	.230 5.84	326865	2-326865-1	
		.416 10.57		.250 6.35	.841 21.36	1.017 25.83	.171 4.34	.052 1.32	Yellow	.250 6.35	324015*	2-324015-1		

*Available in small packaging quantities.

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

PIDG Terminals and Splices (Continued)

Short Spring Spade Tongue Terminals



Material

Insulation -Nylon, UL 94V-2

Terminal Body -Phosphor Bronze per ASTM B-139

Metallic Sleeve -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

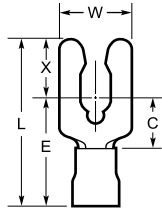
Application Tooling -pg. 66

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
26-22 202-810 [0.10-0.41]	.020 0.51	2 M2	.171 4.34	.206 5.23	.537 13.64	.651 16.54	.109 2.77	Yellow	.082 2.08	52921*	52921-1
		4	.203 5.16	.219 5.56	.550 13.97	.695 17.65	.140 3.56	Yellow	.082 2.08	52922*	52922-1
		5 M3	.250 6.35	.203 5.16	.534 13.56	.679 17.25	.140 3.56	Yellow	.082 2.08	52923	52923-1
		6 M3.5	.250 6.35	.203 5.16	.534 13.56	.679 17.25	.140 3.56	Yellow	.082 2.08	52924*	52924-1
		8 M4	.375 9.53	.281 7.14	.612 15.54	.787 19.99	.170 4.32	Yellow	.082 2.08	52925	52925-1
22-16 509-3,260 [0.26-1.65]	.033 0.84	4	.203 5.16	.250 6.35	.654 16.61	.799 20.29	.140 3.56	Red	.125 3.18	52927*	52927-1
		5 M3	.250 6.35	.250 6.35	.654 16.61	.799 20.29	.140 3.56	Red	.125 3.18	52928*	52928-1
		6 M3.5	.250 6.35	.250 6.35	.654 16.61	.799 20.29	.140 3.56	Red	.125 3.18	52929*	52929-1
			.250 6.35	.250 6.35	.654 16.61	.799 20.29	.140 3.56	Red	.140 3.56	—	52929-3
		8 M4	.244 6.20	.281 7.14	.725 18.42	.895 22.73	.170 4.32	Red	.140 3.56	—	55768-1
			.375 9.53	.281 7.14	.685 17.40	.860 21.84	.170 4.32	Red	.125 3.18	52930*	52930-1
			.375 9.53	.281 7.14	.685 17.40	.860 21.84	.170 4.32	Red	.140 3.56	—	52930-3
		10	.406 10.31	.281 7.14	.685 17.40	.908 23.06	.218 5.54	Red	.125 3.18	52931*	52931-1
			.406 10.31	.281 7.14	.685 17.40	.908 23.06	.218 5.54	Red	.140 3.56	—	52931-3
		1/4 M6	.625 15.88	.343 8.71	.747 18.97	1.033 26.24	.281 7.14	Red	.125 3.18	52933*	—
16-14 2,050-5,180 [1.04-2.62]	.033 0.84	5 M3	.250 6.35	.250 6.35	.654 16.61	.799 20.29	.140 3.56	Blue	.170 4.32	52934*	52934-1
		6 M3.5	.250 6.35	.250 6.35	.654 16.61	.799 20.29	.140 3.56	Blue	.170 4.32	52935*	52935-1
			.250 6.35	.250 6.35	.654 16.61	.799 20.29	.140 3.56	Blue	.182 4.62	52935-2*	52935-3
		8 M4	.375 9.53	.281 7.14	.685 17.40	.860 21.84	.170 4.32	Blue	.170 4.32	52936*	52936-1
			.375 9.53	.281 7.14	.685 17.40	.860 21.84	.170 4.32	Blue	.182 4.62	52936-2	52936-3
		10	.406 10.31	.281 7.14	.685 17.40	.908 23.06	.218 5.54	Blue	.170 4.32	52937*	52937-1
			.406 10.31	.281 7.14	.685 17.40	.908 23.06	.218 5.54	Blue	.182 4.62	52937-2*	52937-3
		1/4 M6	.625 15.88	.343 8.71	.747 18.97	1.033 26.24	.281 7.14	Blue	.170 4.32	52939	—
		5 M3	.250 6.35	.169 4.29	.770 19.56	.959 24.36	.184 4.67	Yellow	.250 6.35	52940*	52940-1
		6 M3.5	.250 6.35	.174 4.42	.775 19.69	.959 24.36	.179 4.55	Yellow	.250 6.35	52941*	52941-1
		8 M4	.375 9.53	.276 7.01	.877 22.28	1.052 26.72	.170 4.32	Yellow	.250 6.35	52942*	52942-1
12-10 5,180-13,100 [2.62-6.64]	.042 1.07	10	.406 10.31	.276 7.01	.877 22.28	1.100 27.94	.218 5.54	Yellow	.250 6.35	52943*	52943-1
		1/4 M6	.625 15.88	.338 8.59	.939 23.85	1.225 31.12	.281 7.14	Yellow	.250 6.35	52945*	—

*Available in small packaging quantities.

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

PIDG Terminals and Splices (Continued)

**Long Spring Spade
Tongue Terminals**

Material
Insulation -Nylon, UL 94V-2

Terminal Body -Phosphor
Bronze per ASTM B-139

Metallic Sleeve -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. 66

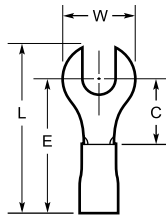
Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions					Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers	
			W	C Min.	E Max.	L Max.	X			Loose Piece	Tape Mounted
26-22 202-810 [0.10-0.41]	.020 0.51	6 M3.5	.250 6.35	.235 5.97	.566 14.38	.847 21.51	.276 7.01	Yellow	.082 2.08	52403	52403-1
22-16 509-3,260 [0.26-1.65]	.033 0.84	4	.203 5.16	.201 5.11	.615 15.62	.896 22.76	.276 7.01	Red	.125 3.18	52408	—
		6 M3.5	.250 6.35	.238 6.05	.652 16.56	.933 23.70	.276 7.01	Red	.125 3.18	52409*	52409-1
			.250 6.35	.238 6.05	.652 16.56	.933 23.70	.276 7.01	Red	.140 3.56	52409-2	52409-3
		8 M4	.281 7.14	.270 6.86	.684 17.37	.979 24.87	.290 7.37	Red	.125 3.18	52410*	52410-1
		10	.343 8.71	.283 7.19	.697 17.70	1.005 25.53	.303 7.70	Red	.125 3.18	52411*	52411-1
			.250 6.35	.238 6.05	.652 16.56	.933 23.70	.276 7.01	Blue	.150 3.81	52420*	52420-2
16-14 2,050-5,180 [1.04-2.62]	.033 0.84	6 M3.5	.250 6.35	.238 6.05	.652 16.56	.933 23.70	.276 7.01	Blue	.170 4.32	52420-1*	52420-3
			.281 7.14	.270 6.86	.684 17.37	.979 24.87	.290 7.37	Blue	.150 3.81	52421*	—
		8 M4	.281 7.14	.270 6.86	.684 17.37	.979 24.87	.290 7.37	Blue	.170 4.32	52421-1*	52421-3
			.343 8.71	.283 7.19	.697 17.70	1.005 25.53	.303 7.70	Blue	.170 4.32	52422-1*	52422-3
		1/4 M6	.437 11.10	.345 8.76	.759 19.28	1.102 27.99	.338 8.59	Blue	.150 3.81	52423	52423-2
			.312 7.92	.242 6.15	.843 21.41	1.131 28.73	.283 7.19	Yellow	.230 5.84	52430	52430-2
12-10 5,180-13,100 [2.62-6.64]	.042 1.07	6 M3.5	.312 7.92	.242 6.15	.843 21.41	1.131 28.73	.283 7.19	Yellow	.250 6.35	52430-1	52430-3
			.375 9.53	.273 6.93	.874 22.20	1.174 29.82	.295 7.49	Yellow	.250 6.35	52431-1	52431-3
		8 M4	.375 9.53	.305 7.75	.906 23.01	1.219 30.96	.308 7.82	Yellow	.230 5.84	—	52432-2
			.375 9.53	.305 7.75	.906 23.01	1.219 30.96	.308 7.82	Yellow	.250 6.35	52432-1	52432-3
		1/4 M6	.437 11.10	.345 8.76	.946 24.03	1.289 32.74	.338 8.59	Yellow	.250 6.35	52433-1	—
			.312 7.92	.242 6.15	.843 21.41	1.131 28.73	.283 7.19	Yellow	.250 6.35	52433-1	—

*Available in small packaging quantities.

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

PIDG Terminals and Splices (Continued)

Slotted Ring Tongue Terminals



Material

Insulation -Nylon except where noted.

Terminal Body and Metallic Sleeve -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. 66

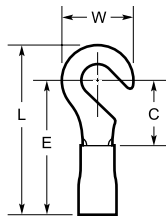
Wire Size Circular Mills [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions				Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers	
			W	C Min.	E Max.	L Max.			Loose Piece	Tape Mounted
26-22 202-810 [0.10-0.41]	.020 0.51	6 M3.5	.250 6.35	.281 7.14	.612 15.54	.719 18.26	Yellow	.082 2.08	323011	2-323011-2
22-16 509-3,260 [0.26-1.65]	.033 0.84	6 M3.5	.312 7.92	.281 7.14	.685 17.40	.828 21.03	Red	.140 3.56	35216*	2-35216-1
		8 M4	.281 7.14	.250 6.35	.654 16.61	.770 19.56	Red	.140 3.56	36954*	2-36954-2
		10	.312 7.92	.281 7.14	.685 17.40	.812 20.62	Red	.125 3.18	331453	1-331453-0
		1/4 M6	.469 11.91	.437 11.10	.841 21.36	1.039 26.39	Red	.125 3.18	321808	—
16-14 2,050-5,180 [1.04-2.62]	.033 0.84	6 M3.5	.343 8.71	.281 7.14	.685 17.40	.844 21.44	Blue	.170 4.32	34406	—
		8 M4	.344 8.74	.281 7.14	.685 17.40	.837 21.26	Blue	.170 4.32	35440	—
16-14 HD 2,050-5,180 [1.04-2.62]	.048 1.22	3/8	.750 19.05	.625 15.88	1.216 30.89	1.594 40.49	Yellow/Black	.250 6.35	696077-2	696077-1
12-10 5,180-13,100 [2.62-6.64]	.042 1.07	1/4 M6	.531 13.49	.468 11.89	1.156 29.36	1.390 35.31	Yellow	.300 7.62	321611 ¹	—
	.040 1.02	3/8	.750 19.05	.625 15.88	1.216 30.89	1.594 40.49	Yellow	.250 6.35	696076-2	696076-1

*Available in small packaging quantities.

¹Insulation — Vinyl.

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

Hook Tongue Terminals



Material

Insulation -Nylon except where noted.

Terminal Body and Metallic Sleeve -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. 66

Wire Size Circular Mills [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 M3.5	.281 7.14	.203 5.16	.607 15.42	.750 19.05	Red	.140 3.56	34313*	—
		8 M4	.343 8.71	.296 7.52	.705 17.91	.879 22.33	Red	.140 3.56	32456	—
16-14 2,050-5,180 [1.04-2.62]	.033 0.84	6 M3.5	.343 8.71	.281 7.14	.685 17.40	.859 21.82	Blue	.150 3.81	320381	2-320381-1
		8 M4	.343 8.71	.281 7.14	.685 17.40	.859 21.82	Blue	.170 4.32	320306*	2-320306-1
		10	.343 8.71	.281 7.14	.685 17.40	.859 21.82	Blue	.170 4.32	35481 ¹	—

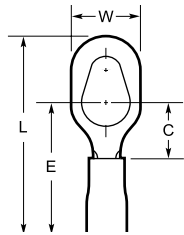
*Available in small packaging quantities.

¹Insulation — Vinyl.

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

PIDG Terminals and Splices (Continued)

Multiple Stud Terminals



Material
Insulation -Nylon, UL 94V-2
Terminal Body -Copper per ASTM B-152
Plating -Tin per ASTM B-545
Metallic Sleeve -Copper per ASTM B-152
Plating -Nickel per QQ-N-290

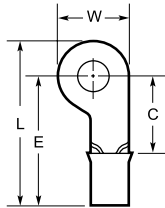
Related Product Data
Insulation Color Code -pg. 4
Packaging Quantities -pg. 4
Performance Specifications -pgs. 4 & 5
Application Tooling -pg. 66

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	.281 7.14	.685 17.40	.957 24.31	Red	.125 3.18	54771-1*	54771-2
12-10 5,180-13,100 [2.62-6.64]	.042 1.07	6-8-10	.325 8.26	.302 7.67	.893 22.68	1.165 29.59	Yellow	.230 5.84	54773-1*	—

*Available in small packaging quantities.

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

Offset Ring Tongue Terminals



Material
Insulation -Nylon, UL 94V-2
Terminal Body and Metallic Sleeve -Copper per ASTM B-152
Plating -Tin per ASTM B-545

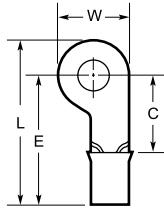
Related Product Data
Insulation Color Code -pg. 4
Packaging Quantities -pg. 4
Performance Specifications -pgs. 4 & 5
Application Tooling -pg. 66

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	
22-16 509-3,260 [0.26-1.65]	.033 0.84	6 M3.5	.375 9.53	.312 7.92	.716 18.19	.906 23.01	Red	.125 3.18	323039	
			.375 9.53	.312 7.92	.716 18.19	.906 23.01	Red	.125 3.18	324011	
16-14 2,050-5,180 [1.04-2.62]	.033 0.84	6 M3.5	.375 9.53	.312 7.92	.716 18.19	.906 23.01	Blue	.150 3.81	323817	
		10	.375 9.53	.312 7.92	.716 18.19	.906 23.01	Blue	.150 3.81	323818	

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

PIDG Terminals and Splices (Continued)

Offset Ring Tongue Terminals (Insulation Restricting)



Material
Insulation -Nylon, UL 94V-2
Terminal Body and Metallic Sleeve -Copper per ASTM B-152
Plating -Tin per ASTM B-545

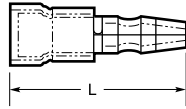
Related Product Data
Insulation Color Code -pg. 4
Packaging Quantities -pg. 4
Performance Specifications -pgs. 4 & 5
Application Tooling -pg. 66

Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions				Terminal Insulation Color Solid/Stripe	Wire Insulation Diameter Range	Part Numbers	
			W	C Min.	E Max.	L Max.			Loose Piece	
22 754 [0.38]	.033 0.84	6 M3.5	.375 9.53	.312 7.92	.758 19.25	.946 24.03	Red/Green	.038-.110 0.97-2.79	52284-4	
20 1,186 [0.60]	.033 0.84	6 M3.5	.375 9.53	.312 7.92	.758 19.25	.946 24.03	Red/Red	.046-.110 1.17-2.79	52284-2	
		10	.375 9.53	.312 7.92	.758 19.25	.946 24.03	Red/Red	.046-.110 1.17-2.79	52284-3	
16 2,800 [1.42]	.033 0.84	6 M3.5	.375 9.53	.312 7.92	.748 19.00	.938 23.83	Blue/Blue	.063-.130 1.60-3.30	52283-2	
14 4,234 [2.15]	.033 0.84	10	.375 9.53	.312 7.92	.748 19.00	.938 23.83	Blue/Green	.078-.130 1.98-3.30	52283-1	

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

PIDG Terminals and Splices (Continued)

SHUR-PLUG Terminal



.156 Series

Material

Insulation -Nylon, UL 94V-2

Terminal Body and Metallic Sleeve -Copper per ASTM B-152

Plating -Tin per ASTM B-545

Related Product Data

Insulation Color Code -pg. 4

Packaging Quantities -pg. 4

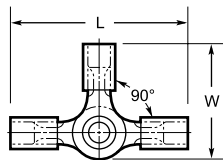
Performance Specifications - pgs. 4 & 5

Application Tooling -pg. 66

Wire Size Circular Mils [mm ²]	Dimension L Max.	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers	
				Loose Piece	Tape Mounted
16-14 2,050-5,180 [1.04-2.62]	.790 20.07	Blue	.170 4.32	324225*	2-324225-1
16-14 Receptacle 2,050-5,180 [1.04-2.62]	.768 19.51	Blue	.157 3.99	165429-1	—

*Available in small packaging quantities.

3-Way Connector Terminal



Material

Insulation -Nylon, UL 94V-2

Terminal Body and Metallic Sleeve -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. 66

Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Dimensions		Terminal Insulation Color	Wire Insulation Diameter Max.	Part Number
		W Max.	L Max.			Loose Piece
16-14 2,050-5,180 [1.04-2.62]	.033 0.84	.859 21.82	1.370 34.80	Blue	.170 4.32	53222-1*

*Available in small packaging quantities.

PIDG Terminals and Splices (Continued)

Tabs

Material

Insulation -Nylon, UL 94V-2

Terminal Body and Metallic Sleeve -Copper per ASTM B-152

Plating -Tin per ASTM B-545

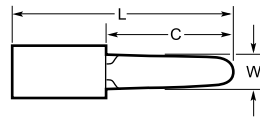
Related Product Data

Insulation Color Code -pg. 4

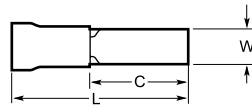
Packaging Quantities -pg. 4

Performance Specifications - pgs. 4 & 5

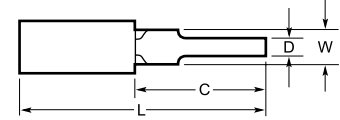
Application Tooling -pg. 66



Style A



Style B



Style C

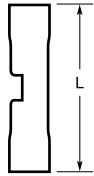
Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Style	Dimensions				Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers	
			W	C Min.	L Max.	D			Loose Piece	
22-16 509-3,260 [0.26-1.65]	.033 0.84	A	.140 3.56	.480 12.19	.904 22.96	—	Red	.140 3.56	34294*	
16-14 2,050-5,180 [1.04-2.62]	.033 0.84	B	.156 3.96	.375 9.53	.809 20.55	—	Blue	.170 4.32	327748	
12-10 5,180-13,100 [2.62-6.64]	.042 1.07	C	.225 5.72	.600 15.24	1.194 30.33	.125 3.18	Yellow	.230 5.84	324543*	

*Available in small packaging quantities.

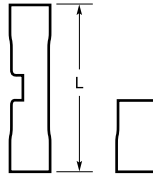
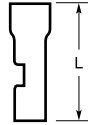
Note: "C" dimension applies from edge of metal wire barrel to end of tab.

PIDG Terminals and Splices (Continued)

Butt Splices



Standard and Radiation Resistant


Step Down Assembly¹


Special

Material

Insulation Sleeve -

Standard, Step Down Assembly and Special - Nylon Radiation Resistant - Polyvinylidene Fluoride (PVF₂)

Splice Body and Insulation Support Sleeve -

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. 66

Wire Size Circular Mils ² [mm ²]	Style	Dimension L Max.	Splice Insulation Color	Wire Insulation Diameter Max.	Part Numbers	
					Loose Piece	Tape Mounted
26-24 ³ 238-475 [0.12-0.24]	Standard	.890 22.61	Yellow	.082 2.08	323994	2-323994-1
26-22 202-810 [0.10-0.41]		.890 22.61	Yellow	.082 2.08	2-323994-2*	—
24-20 320-1,290 [0.16-0.65]		1.035 26.29	Natural	.100 2.54	323975	2-323975-3
22-16 ⁴ 509-3,260 [0.26-1.65]		1.265 32.13	Red	.125 3.18	320559*	2-320559-4
16-14 2,050-5,180 [1.04-2.62]		1.265 32.13	Blue	.150 3.81	320562*	2-320562-3
12-10 5,180-13,100 [2.62-6.64]		1.656 42.06	Yellow	.220 5.59	320570*	2-320570-3 ¹
16-14 2,050-5,180 [1.04-2.62]	Step Down Assembly	1.265 32.13	Blue	.150/.115 3.81/2.92	327583	2-327583-1
12-10 5,180-13,100 [2.62-6.64]		1.656 42.06	Yellow	.220/.140 5.59/3.56	327639	—
12-10 5,180-13,100 [2.62-6.64]		1.656 42.06	Yellow	.220/.170 5.59/4.32	327638	—
26-24 ³ 238-475 [0.12-0.24]	Radiation Resistant	.890 22.61	Natural w/ Yellow Stripes	.082 2.08	53546-1	—
26-22 202-810 [0.10-0.41]		.890 22.61	Natural w/ Yellow Stripes	.082 2.08	53546-3	—
24-20 320-1,290 [0.16-0.65]		1.035 26.29	Natural w/ White Stripes	.100 2.54	53547-1	53547-2
22-16 ⁴ 509-3,260 [0.26-1.65]		1.265 32.13	Natural w/ Red Stripes	.125 3.18	53548-1*	53548-2
16-14 2,050-5,180 [1.04-2.62]		1.265 32.13	Natural w/ Blue Stripes	.150 3.81	53549-1*	53549-2
12-10 5,180-13,100 [2.62-6.64]		1.656 42.06	Natural w/ Yellow Stripes	.220 5.59	53550-1*	—
12-10 5,180-13,100 [2.62-6.64]	Special	1.245 31.62	Yellow	.220 5.59	328961 ⁵	—

*Available in small packaging quantities.

¹Includes adapter insert.

²When using two or more wires in either end of a butt splice, the combined cross sectional area must be within the (CMA) circular mil area range listed.

³26-24 range in accordance with MIL-T-7928.

⁴22-16 splices are 22-18 range in accordance with MIL-T-7928.

⁵12-10 butt splice, threaded 8-32 one end.

¹AMP-TAPETRONIC machine tools only.

PIDG Terminals and Splices (Continued)

Butt Splice Step Down Adapter Inserts¹



Material

Adapter Body -Copper per
ASTM B-152

Plating -Zinc Plate/
DyeChromate

Related Product Data

Insulation Color Code -pg. 4

Packaging Quantities -pg. 4

Performance Specifications -
pgs. 4 & 5

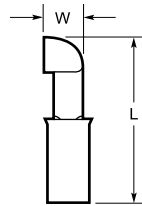
Application Tooling -pg. 66

Butt Splice		Adapter Insert			
Wire Size Circular Mils [mm ²]	Part No.	Wire Size Circular Mils [mm ²]	Dimension L	Color Code	Part Numbers
16-14 2,050-5,180 [1.04-2.62]	320562	22-18 509-1,900 [0.26-0.96]	.350 8.89	Red	1-327635-1
			.402 10.21	Red	327635*
12-10 5,180-13,100 [2.62-6.64]	320570	22-18 509-1,900 [0.26-0.96]	.562 14.27	Red	327636*
		16-14 2,050-5,180 [1.04-2.62]	.562 14.27	Blue	327637*

*Available in small packaging quantities.

¹Adapter inserts can be ordered separately for use in specific Standard PIDG Butt Splices.

Knife Disconnect Splices



Material

Insulation -Nylon, UL 94V-2

**Splice Body and Metallic
Sleeve** -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. 66

Wire Size Circular Mils [mm ²]	Material Thickness	Dimensions		Splice Insulation Color	Wire Insulation Diameter Max.	Part Numbers	
		W	L Max.			Loose Piece	Tape Mounted
22-16 509-3,260 [0.26-1.65]	.031 0.79	.203 5.16	.878 22.30	Red	.125 3.18	320555*	—
		.203 5.16	.878 22.30	Red	.140 3.56	32446*	2-32446-1
16-14 2,050-5,180 [1.04-2.62]	.031 0.79	.203 5.16	.878 22.30	Blue	.150 3.81	320566*	—
		.203 5.16	.878 22.30	Blue	.170 4.32	32448*	—
12-10 5,180-13,100 [2.62-6.64]	.040 1.02	.281 7.14	1.234 31.34	Yellow	.230 5.84	320620*	—
		.281 7.14	1.260 32.00	Yellow	.250 6.35	35762*	—

*Available in small packaging quantities.

PIDG FASTON Terminals and Splices

Product Facts

- Pre-insulated terminal designed for uniformed reliability in most difficult circuit environment
- Consists of an unplated or tin-plated brass body or a tin-plated phosphor bronze body with a specially designed copper sleeve and insulation sleeve fitted over the terminal barrel
- Design of the tool dies and construction of the terminal permits uniform insulation thickness under crimping pressure, transmitting this pressure evenly to the center of the crimp area

The AMP Mated Tool/Terminal Concept

- AMP compression crimping produces crimps for a given size wire and terminal that are alike in appearance and performance
- Terminal and the crimping tool are designed as uniform matched devices
- Dies are precision-engineered from the finest hard-metal alloys
- Crimping pressure is controlled by a ratchet device on the hand tool or a corresponding pre-calibration in the crimping jaws of AMP automated crimping machines

The Crimp

- When done properly, crimping pressure can neither overstress nor under stress the terminal barrel—machined dies fully bottom to the precise crimp height
- Resulting termination is free of contamination
- Resistant to shock and critical environments
- Tensile strength approaches that of the wire itself

Nylon Insulation. Nylon sleeve has high dielectric strength.

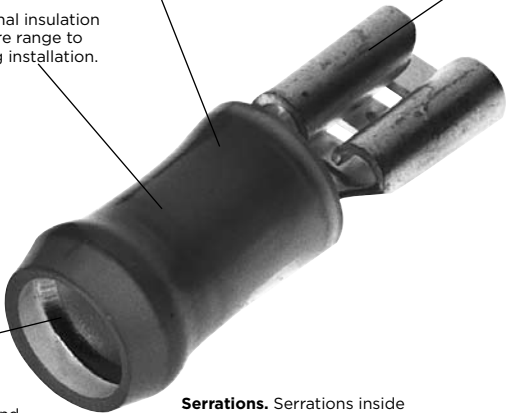
Color Coding. Terminal insulation is color-coded by wire range to prevent errors during installation.

Copper Sleeve. The specially designed copper sleeve, fitted over the terminal barrel, provides circumferential insulation support to the wire and allows the wire to be bent in any direction, without fraying the wire's insulation or breaking the conductor.

Funnel Ramp Entry. Prevents a turned back strand and rapid wire insertion during high speed production.

Basic Terminal Material. The basic terminal is constructed of fine grade high conductivity brass per ASTM B-36 or phosphor bronze per ASTM B-139. The brass terminal is either unplated or tin-plated per ASTM B-545. The phosphor bronze terminal is tin-plated per ASTM B-545. Tyco Electronics' special plating process creates durable corrosion resistance to salt spray and most chemical fumes.

Serrations. Serrations inside barrel provide maximum contact and tensile strength after crimping.



Temperature Rating: 105°C Max.

**AMP PIDG FASTON Terminals
(Use TETRA-CRIMP Tooling)**

AMP Wire Range	Component Recognized File E 66717	UL 7189 Certified
22-18	22-18 Stranded	300 V Max., 105°C. Max. ¹
16-14	16-14 Stranded	
12-10	12-10 Stranded	

**AMP PIDG FASTON
Line Splice Connectors
"250" Series**

AMP Part No.	105°C Max. (Vinyl)	UL 7189 Certified	105°C Max. (Vinyl)
1-321235-0 1-321235-1	600 V Max.	1-321235-0 1-321235-1	300 V Max.
321235 321688	300 V Max.	321235 321688	300 V Max.

¹UL & CSA — Nylon except where noted

PIDG FASTON Terminals and Splices (Continued)

Receptacles

Receptacle Style:

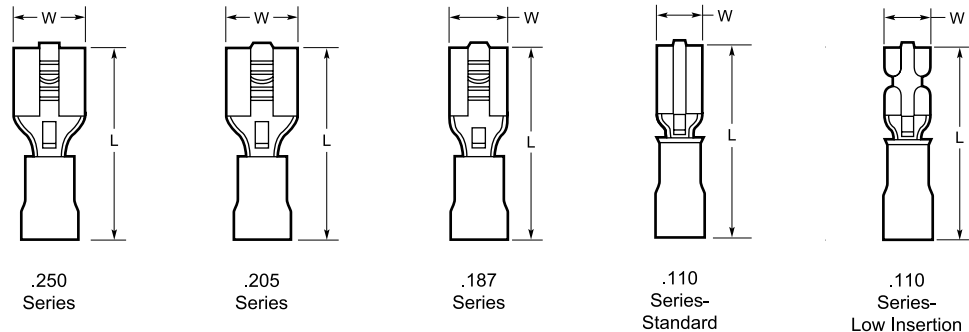
- A** - No dimple with wire stop
B - Dimple with wire stop
C - No dimple, no wire stop

Material

Insulation -Nylon, UL 94V-2
Receptacle Body -Brass per ASTM B-36 or Phosphor Bronze per ASTM B-139
Plating -Tin per ASTM B-545 except where noted.
Metallic Sleeve -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. 67



Series	Wire Size Circular Mils [mm ²]	Style	Dimensions		Terminal Insulation Color	Wire Insulation Diameter Max.	Recept. Matl.	Stock Thk.	Fits Tab Thk.	Part Numbers		
			W Nom.	L Max.						Loose Piece	Tape Mounted	Strip Form
.250	22-18 509-1,900 [0.26-0.96]	B	.300 7.62	.900 22.86	Red	.140 3.56	Brass	.018 0.46	.032 0.81	640903-1*	640903-2	640902-1
			.300 7.62	.900 22.86	Red	.140 3.56	Brass	.018 0.46	.032 0.81	55675-1 ²	55675-2 ²	—
	16-14 2,050-5,180 [1.04-2.62]	B	.300 7.62	.900 22.86	Blue	.170 4.32	Brass	.018 0.46	.032 0.81	640905-1*	640905-2	640904-1
			.300 7.62	1.012 25.70	Green	.250 6.35	Brass	.018 0.46	.032 0.81	42844-1**	42844-3*	60544-3*
	14-12 3,831-6,470 ¹ [1.94-3.28]	B	.300 7.62	1.012 25.70	Green	.250 6.35	Phos. Brz.	.018 0.46	.032 0.81	42844-2**	—	—
			.300 7.62	1.012 25.70	Yellow	.250 6.35	Brass	.018 0.46	.032 0.81	640907-1*	640907-2	640906-1
	12-10 5,180-13,100 [2.62-6.64]	B	.300 7.62	1.012 25.70	Yellow	.250 6.35	Phos. Brz.	.018 0.46	.032 0.81	61198-2	61198-4	—
			.300 7.62	.900 22.86	Red	.145 3.68	Brass	.016 .406	.032 .813	184262-1	184262-2	184261-1
.250 Low Insertion	16-14 2,050-5,180 [1.04-2.62]		.300 7.62	.900 22.86	Blue	.173 4.39	Brass	.016 .406	.032 .813	184265-1	184265-2	184264-1
.205	22-18 509-1,900 [0.26-0.96]	B	.250 6.35	.800 20.32	Red	.135 3.43	Brass	.016 0.41	.020 0.51	696018-1	696018-2	—
			.250 6.35	.800 20.32	Red	.140 3.56	Brass	.016 0.41	.020 0.51	640909-1*	640909-2	640908-1
			.250 6.35	.800 20.32	Red/Black	.140 3.56	Brass	.016 0.41	.020 0.51	640174-1	—	—
			.250 6.35	.800 20.32	Red	.140 3.56	Brass	.016 0.41	.032 0.81	640911-1*	640911-2	640910-1
	16-14 2,050-5,180 [1.04-2.62]	B	.250 6.35	.800 20.32	Blue	.170 4.32	Brass	.016 0.41	.020 0.51	640913-1*	640913-2	—
			.250 6.35	.800 20.32	Blue	.170 4.32	Brass	.016 0.41	.032 0.81	640915-1*	640915-2	—
.187	26-24 238-475 [0.12-0.24]	B	.230 5.84	.700 17.78	Yellow	.082 2.08	Brass	.016 0.41	.020 0.51	641321-1**	641321-2*	641320-1*
	22-18 509-1,900 [0.26-0.96]	B	.230 5.84	.800 20.32	Red	.140 3.56	Brass	.016 0.41	.020 0.51	640917-1*	640917-2	640916-1
			.230 5.84	.800 20.32	Red	.140 3.56	Brass	.016 0.41	.040 1.02	—	640578-2*	—

¹Not UL or CSA approved or listed.

²Available in small packaging quantities.

¹Wire range is limited as noted.

²Unplated receptacle body.

PIDG FASTON Terminals and Splices (Continued)

Receptacles

(Continued)

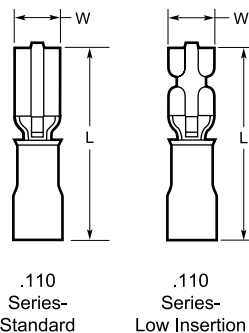
Series	Wire Size Circular Mils [mm ²]	Style	Dimensions		Terminal Insulation Color	Wire Insulation Diameter Max.	Recept. Matl.	Stock Thk.	Fits Tab Thk.	Part Numbers		
			W Nom.	L Max.						Loose Piece	Tape Mounted	Strip Form
.187	16-14 2,050-5,180 [1.04-2.62]	B	.230 5.84	.800 20.32	Blue	.170 4.32	Brass	.016 0.41	.020 0.51	640919-1*	640919-2	640918-1
			.230 5.84	.900 22.86	Blue	.250 6.35	Brass	.016 0.41	.020 0.51	696108-1	696108-2	—
.187 Low Insertion	22-18 509-1,900 [0.26-0.96]		.230 5.84	.800 22.86	Red	.145 3.68	Brass	.016 .406	.032 .813	184268-1	184268-2	184267-1
			.300 7.62	.900 22.86	Blue	.173 4.39	Brass	.016 .406	.032 .813	184235-1	184235-2	184234-1
.110 Standard	22-18 509-1,900 [0.26-0.96]	B	.148 3.76	.734 18.64	Natural	.110 2.79	Brass	.012 0.30	.016 0.41	61048-1*	61048-2'	—
			.148 3.76	.734 18.64	Natural	.110 2.79	Brass	.012 0.30	.020 0.51	61060-1*	61060-2'	61059-2'
			.148 3.76	.734 18.64	Natural	.110 2.79	Brass	.012 0.30	.032 0.81	60894-1*	60894-2'	60893-2'
			.148 3.76	.734 18.64	Black	.110 2.79	Brass	.012 0.30	.032 0.81	—	61678-2'	—
.110 Low Insertion	26-24 238-475 [0.12-0.24]	A	.160 4.06	.700 17.78	Yellow	.082 2.08	Brass	.016 0.41	.020 0.51	641324-1'	641324-2'	—
			.160 4.06	.796 20.22	Red	.140 3.56	Brass	.016 0.41	.012 0.30	—	—	350871-1'
	22-18 509-1,900 [0.26-0.96]	A	.160 4.06	.800 20.32	Red	.140 3.56	Brass	.016 0.41	.016 0.41	640921-1	640921-2	—
			.160 4.06	.800 20.32	Red	.140 3.56	Brass	.016 0.41	.020 0.51	640923-1*	640923-2	640922-1
			.160 4.06	.800 20.32	Red	.140 3.56	Brass	.016 0.41	.032 0.81	640925-1*	640925-2	640924-1
			.160 4.06	.800 20.32	Red	.140 3.56	Brass	.016 0.41	.032 0.81	640925-1*	640925-2	640924-1
	16-14 2,050-5,180 [1.04-2.62]	A	.160 4.06	.800 20.32	Blue	.170 4.32	Brass	.016 0.41	.020 0.51	640929-1*	640929-2	—
		A	.160 4.06	.800 20.32	Blue	.170 4.32	Brass	.016 0.41	.032 0.81	640931-1*	640931-2	—
		B	.160 4.06	.800 20.32	Blue	.170 4.32	Brass	.016 0.41	.016 0.41	640927-1	640927-2	—
		C	.160 4.06	.796 20.19	Blue	.170 4.32	Brass	.016 0.41	.032 0.81	641317-1	—	—

*Not UL or CSA approved or listed.

*Available in small packaging quantities.

Receptacles

(Insulation Restricting)



Material

Insulation -Nylon, UL 94V-2

Receptacle Body -Brass per ASTM B-36

Receptacle Style B-Dimple with wire stop

Plating -Tin per ASTM B-545

Metallic Sleeve -Copper per ASTM B-152

Plating -Tin per ASTM B-545 or Nickel per QQ-N-290

Related Product Data

Insulation Color Code -pg. 4

Packaging Quantities -pg. 4

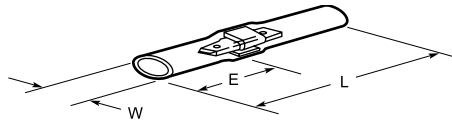
Performance Specifications -pgs. 4 & 5

Application Tooling -pg. 67

Series	Wire Size Circular Mils [mm ²]	Style	Dimensions		Terminal Insulation Color Solid / Stripe	Wire Insulation Diameter Range	Recept. Matl.	Stock Thk.	Fits Tab Thk.	Part Numbers		
			W Nom.	L Max.						Loose Piece	Tape Mounted	Strip Form
.110 Standard	22 754 [0.38]	B	.148 3.76	.780 19.81	Red/ Green	.040-.080 1.02-2.03	Brass	.012 0.30	.016 0.41	55319-1	55319-3	—

PIDG FASTON Terminals and Splices (Continued)

Line Splice Connector for "250" Series Terminals



Material

Insulation -Vinyl, UL 94V-0

Color -Natural

Splice Body -Brass per ASTM B-36

Plating -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

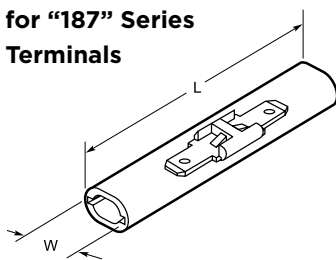
Wire Size	Plating	Dimensions			Part Numbers Loose Piece
		W	L Max.	E Min.	
22-10	Unplated	.391 9.93	2.093 53.16	.860 21.84	321235*
	Tin	.391 9.93	2.093 53.16	.860 21.84	321688
	Unplated	.409 10.39	2.625 66.68	1.151 29.24	1-321235-0
	Tin	.409 10.39	2.625 66.68	1.151 29.24	1-321235-1
	Unplated	.409 10.39	2.451 62.26	.970 ² 24.64	1-321235-3 ¹

*Available in small packaging quantities.

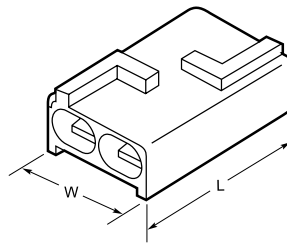
¹Oval expansion at end opposite "w". (.380 x .320 inside diameter.)

²E min. on expansion end only.

Line Splice Connector for "187" Series Terminals



Single



Dual

Material

Housing -Nylon, UL 94V-2

Splice Body -Brass per ASTM B-36

Related Product Data

Insulation Color Code -pg. 4

Packaging Quantities -pg. 4

Performance Specifications -pgs. 4 & 5

Type	Housing Color	Dimensions		Temperature Rating	Part Numbers Loose Piece
		W	L		
Single	Natural	.345 8.76	1.750 44.45	—	360035-1 ¹
Dual	Natural	.650 16.51	1.750 44.45	105°C	360025-1 ¹
Dual	Black	.650 16.51	1.750 44.45	150°C	360025-2 ¹

¹UL File E66717
600 V Max

Receptacle (Low Insertion Force)

Series	Wire Size Circular Mils [mm ²]	Dimensions		Terminal Insulation Color	Wire Insulation Diameter Max.	Recept. Matl.	Stock Thk.	Fits Tab Thk.	Part Numbers		
		W Nom.	L Max.						Loose Piece	Tape Mounted	Strip Form
.250 Low Insertion	22-18 509-1,900 [0.26-0.96]	.300 7.62	.900 22.86	Red	.145 3.68	Brass	.016 .406	.032 .813	184262-1	184262-2	184261-1
.250 Low Insertion	16-14 2,050-5,180 [1.04-2.62]	.300 7.62	.900 22.86	Blue	.173 4.39	Brass	.016 .406	.032 .813	184265-1	184265-2	184264-1
.187 Low Insertion	22-18 509-1,900 [0.26-0.96]	.230 5.84	.800 22.86	Red	.145 3.68	Brass	.016 .406	.032 .813	184268-1	184268-2	184267-1
.187 Low Insertion	16-14 2,050-5,180 [1.04-2.62]	.300 7.62	.900 22.86	Blue	.173 4.39	Brass	.016 .406	.032 .813	184235-1	184235-2	184234-1

PLASTI-GRIP Terminals and Splices

Product Facts

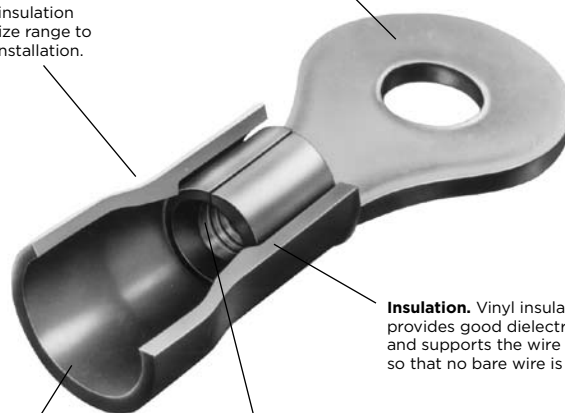
- Pre-insulated PLASTI-GRIP solderless terminals and splices
- Designed specifically to answer the need for inexpensive, insulated electrical terminations
- Can be used in almost every type of commercial application
- Accommodate wire sizes from 22 AWG through 2/0 AWG

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 well-suited 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. Tyco Electronics' 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.

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

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

Temperature Rating: 90°C Max.

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

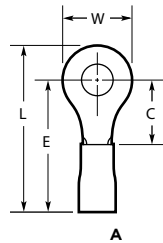
AMP Wire Range	UL Listed	SP LR 7189 Certified	UL 8 thru 4/0 600V
Except as noted with individual part number listing.			
22-16	Terminals, Butt & Parallel Splices 22-16 Solid or Stranded ¹	600 V Max. (1000 V Fixture or Sign) 90°C Max.	Recognized under the component program of Underwriters Laboratories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

PLASTI-GRIP Terminals and Splices (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. 66

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 5.54	.156 3.96	.572 14.53	.684 17.37	Red	.140 3.56	34140*	2-34140-1
				.218 5.54	.156 3.96	.572 14.53	.684 17.37	Red	.125 3.18	32944*	2-32944-1
		4	A	.218 5.54	.156 3.96	.572 14.53	.684 17.37	Red	.140 3.56	34141*	2-34141-1
				.281 7.14	.250 6.35	.666 16.92	.809 20.55	Red	.140 3.56	34143	2-34143-1
			A	.218 5.54	.156 3.96	.572 14.53	.684 17.37	Red	.125 3.18	32945*	2-32945-1
				.218 5.54	.156 3.96	.572 14.53	.684 17.37	Red	.140 3.56	34142*	1-34142-1
		6 M3.5	A	.281 7.14	.250 6.35	.666 16.92	.809 20.55	Red	.125 3.18	32947*	2-32947-1
				.281 7.14	.250 6.35	.666 16.92	.809 20.55	Red	.140 3.56	34144*	2-34144-1
			A	.281 7.14	.250 6.35	.666 16.92	.809 20.55	Black	.140 3.56	326819	2-326819-1
				.281 7.14	.250 6.35	.666 16.92	.809 20.55	Red	.170 4.32	—	2-35449-1
			A	.312 7.92	.281 7.14	.697 17.70	.856 21.74	Red	.125 3.18	32950	2-32950-1
				.312 7.92	.281 7.14	.697 17.70	.856 21.74	Red	.140 3.56	34147*	2-34147-1
			A	.281 7.14	.250 6.35	.666 16.92	.809 20.55	Red	.125 3.18	32948*	2-32948-1
				.281 7.14	.250 6.35	.666 16.92	.809 20.55	Red	.140 3.56	34145*	2-34145-1
			A	.312 7.92	.281 7.14	.697 17.70	.856 21.74	Red	.125 3.18	32951*	2-32951-1
				.312 7.92	.281 7.14	.697 17.70	.856 21.74	Red	.140 3.56	34148*	2-34148-1
			A	.312 7.92	.281 7.14	.746 18.95	.905 22.99	Red	.200 5.08	—	2-34148-4
				.281 7.14	.250 6.35	.666 16.92	.809 20.55	Red	.125 3.18	32949*	2-32949-1
		10	A	.281 7.14	.250 6.35	.666 16.92	.809 20.55	Red	.140 3.56	34146*	2-34146-1
				.281 7.14	.250 6.35	.666 16.92	.809 20.55	Black	.140 3.56	2-34146-4	2-34146-5
			A	.281 7.14	.250 6.35	.666 16.92	.809 20.55	Red	.170 4.32	35451	2-35451-1
				.312 7.92	.281 7.14	.697 17.70	.856 21.74	Red	.125 3.18	32952*	2-32952-1
			A	.312 7.92	.281 7.14	.697 17.70	.856 21.74	Red	.140 3.56	34149*	2-34149-1
				.312 7.92	.281 7.14	.746 18.95	.905 22.99	Red	.200 5.08	—	2-34149-3
			A	.469 11.91	.437 11.10	.853 21.67	1.090 27.69	Red	.125 3.18	32953*	2-32953-1
				.469 11.91	.437 11.10	.853 21.67	1.090 27.69	Red	.140 3.56	34150*	2-34150-1
		1/4 M6	A	.469 11.91	.437 11.10	.853 21.67	1.090 27.69	Black	.140 3.56	—	2-34150-3

*Available in small packaging quantities.

PLASTI-GRIP Terminals and Splices (Continued)

Ring Tongue Terminals

(Continued)

Wire Size Circular Mils [mm²]	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		
Note: "C" dimension applies from edge of metal wire barrel to center of stud hole. (Styles A & E).													
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		
		16-14 2,050-5,180 [1.04-2.62]	.033 0.84	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		
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		
5/16 M8	A			.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				
16-14HD¹ 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.

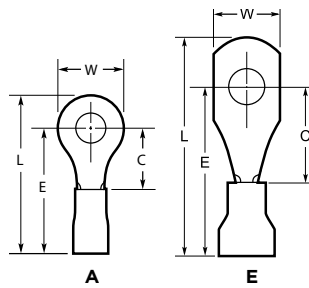
¹Heavy Duty for extra mechanical strength.

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

PLASTI-GRIP Terminals and Splices (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. 66 & 67

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	—
		3/8	A	.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	—
		4	A	.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
				.400 10.16	.468 11.89	1.118 28.40	1.373 34.87	Yellow	.300 7.62	55678-1	55678-2
		1/4 M6	A	.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
		5/16 M8	A	.531 13.49	.468 11.89	1.059 26.90	1.327 33.71	Yellow	.230 5.84	34172*	2-34172-1
				.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.

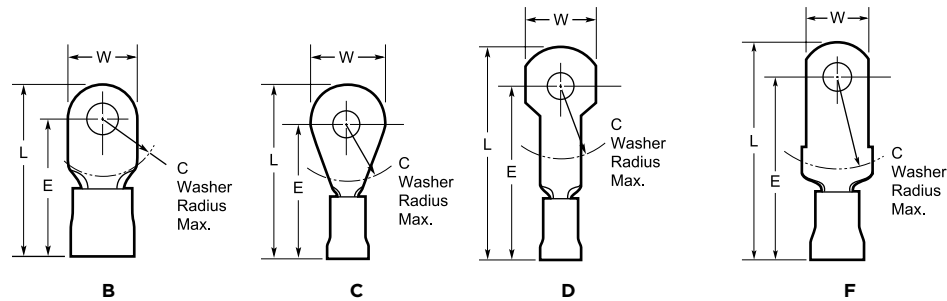
¹Heavy Duty for extra mechanical strength.

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

PLASTI-GRIP Terminals and Splices (Continued)

Ring Tongue Terminals

(Continued)



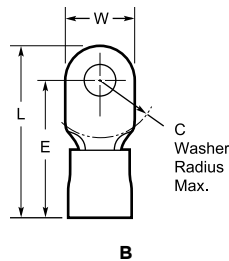
Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Stud Size	Style	Dimensions				Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers	
				W	C	E Max.	L Max.			Loose Piece	Tape Mounted
8 13,100-20,800 [6.64-10.5]	.043 1.09	8 M4	C	.478 12.14	.437 11.10	1.344 34.14	1.586 40.28	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
			B	.431 10.95	.437 11.10	1.338 33.99	1.556 39.52	Red	.390 9.91	52263-5	52263-4
		1/4 M6	C	.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
			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	—
			C	.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
			C	.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	F	.398 10.11	.515 13.08	1.591 40.41	1.846 46.89	Blue	.450 11.43	55679-1	55679-2
			C	.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 Terminals and Splices (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

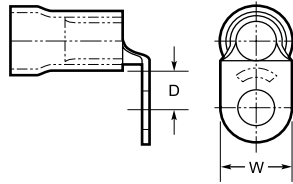
Performance Specifications -pgs. 4 & 5

Application Tooling -pg. 67

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 13.87	.531 13.49	1.672 42.47	1.948 49.48	Yellow	.450 11.43	52043-2	—
				.546 13.87	.531 13.49	1.672 42.47	1.948 49.48	Yellow	.515 13.08	52043	52043-4
			1/4 M6	.391 9.93	.531 13.49	1.672 42.47	1.927 48.95	Yellow	.450 11.43	—	55680-2
				.546 13.87	.531 13.49	1.672 42.47	1.948 49.48	Yellow	.450 11.43	52043-3*	52043-7
		5/16 M8	B	.546 13.87	.531 13.49	1.672 42.47	1.948 49.48	Yellow	.515 13.08	52043-1	52043-5
				.679 17.25	.531 13.49	1.672 42.47	2.014 51.16	Yellow	.450 11.43	52266-3	52266-9
			3/8	.679 17.25	.531 13.49	1.672 42.47	2.014 51.16	Yellow	.515 13.08	52266	—
				.679 17.25	.531 13.49	1.672 42.47	2.014 51.16	Yellow	.450 11.43	52266-4*	1-52266-0
		1/4 M6	B	.675 17.15	.578 14.68	1.731 43.97	2.071 52.60	Red	.560 14.22	52267-1	—
				.675 17.15	.578 14.68	1.731 43.97	2.071 52.60	Red	.632 16.05	52267	—
		5/16 M8	B	.711 18.06	.578 14.68	1.731 43.97	2.089 53.06	Red	.560 14.22	52044-4	—
				.711 18.06	.578 14.68	1.731 43.97	2.089 53.06	Red	.632 16.05	52044-1	—
2 52,600-83,700 [26.7-42.4]	.060 1.52	3/8	B	.711 18.06	.578 14.68	1.731 43.97	2.089 53.06	Red	.560 14.22	52044-5	—
				.711 18.06	.578 14.68	1.731 43.97	2.089 53.06	Red	.632 16.05	52044-2	—
		5/16 M8	B	.807 20.50	.625 15.88	2.041 51.84	2.447 62.15	Blue	.684 17.37	52045-1	—
				.807 20.50	.625 15.88	2.041 51.84	2.447 62.15	Blue	.665 16.89	52045-5	—
		3/8	B	.807 20.50	.625 15.88	2.041 51.84	2.447 62.15	Blue	.684 17.37	52045-2	—
				.807 20.50	.625 15.88	2.041 51.84	2.447 62.15	Blue	.684 17.37	52289	—
		1/2 M12	B	.875 22.23	.625 15.88	2.041 51.84	2.478 62.94	Blue	.684 17.37	52289	—
				.926 23.52	.625 15.88	2.082 52.88	2.477 62.92	Yellow	.775 19.69	52046-1	—

*Available in small packaging quantities.

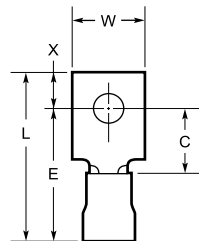
PLASTI-GRIP Terminals and Splices (Continued)

**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. 67

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

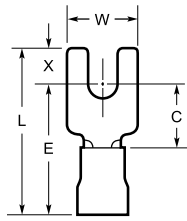
Related Product Data
Insulation Color Code -pg. 4
Packaging Quantities -pg. 4
Performance Specifications -pgs. 4 & 5
Application Tooling -pg. 66

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 Terminals and Splices (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. 66

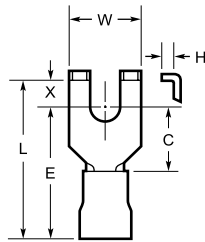
Wire Size Circular Mils [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions					Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers			
			W	C Min.	E Max.	L Max.	X			Loose Piece	Tape Mounted		
22-16 509-3,260 [0.26-1.65]	.033 0.84	6 M3.5	.250 6.35	.312 7.92	.728 18.49	.858 21.79	.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		
		8 M4	.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		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		
		16-14 2,050-5,180 [1.04-2.62]	.033 0.84	5	.237 6.02	.312 7.92	.728 18.49	.865 21.97	.125 3.18	Blue	.145 3.68	696006-1 [†]	—
					.297 7.54	.203 5.16	.619 15.72	.765 19.43	.141 3.58	Blue	.145 3.68	322994*	2-322994-1
				6 M3.5	.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*	—		
.297 7.54	.203 5.16				.619 15.72	.765 19.43	.141 3.58	Blue	.170 4.32	326741	2-326741-1		
8 M4	.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 Terminals and Splices (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. 66

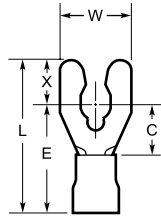
Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions						Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers	
			W	C Min.	E Max.	L Max.	X	H Min.			Loose Piece	Tape Mounted
22-16 509-3,260 [0.26-1.65]	.033 0.84	6 M3.5	.296 7.52	.203 5.16	.619 15.72	.749 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	.619 15.72	.749 19.02	.125 3.18	.047 1.19	Blue	.170 4.32	—	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	.294 7.47	.203 5.16	.619 15.72	.749 19.02	.125 3.18	.047 1.19	Blue	.170 4.32	324170	2-324170-1
			.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
		10	.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
			.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
12-10 5,180-13,100 [2.62-6.64]	.042 1.07	6 M3.5	.296 7.52	.250 6.35	.841 21.36	1.017 25.83	.171 4.34	.052 1.32	Yellow	.230 5.84	324172*	1-324172-0
		8 M4	.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
		10	.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 Terminals and Splices (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 10

Plating -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. 66

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
			.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
			.234 5.94	.250 6.35	.666 16.92	.811 20.60	.140 3.56	Red	.140 3.56	53240-1*	53240-2
		6 M3.5	.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
		10	.375 9.53	.281 7.14	.746 18.95	.921 23.39	.170 4.32	Red	.200 5.08	52950-2	52950-3
			.294 7.47	.281 7.14	.697 17.70	.920 23.37	.218 5.54	Red	.140 3.56	53242-1*	53242-2
		16-14 2,050-5,180 [0.26-1.65]	.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
16-14 2,050-5,180 [1.04-2.62]	.033 0.84	6 M3.5	.406 10.31	.281 7.14	.746 18.95	.969 24.61	.218 5.54	Red	.200 5.08	—	52951-3
			.250 6.35	.250 6.35	.666 16.92	.811 20.60	.140 3.56	Blue	.170 4.32	52955*	52955-1
		8 M4	.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	—
		10	.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
		16-14 2,050-5,180 [1.04-2.62]	.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
		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
		16-14 2,050-5,180 [1.04-2.62]	.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 Terminals and Splices (Continued)

Short Spring Spade

Tongue Terminals

(Continued)

Wire Size Circular Mills [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

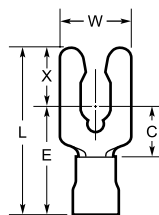
*Available in small packaging quantities.

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. 66

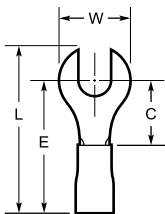
Wire Size Circular Mills [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions					Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers	
			W	C Min.	E Max.	L Max.	X			Loose Piece	Tape Mounted
22-16 509-3,260 [0.26-1.65]	.033 0.84	6 M3.5	.250 6.35	.238 6.05	.664 16.87	.945 24.00	.276 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 Terminals and Splices (Continued)

Slotted Ring Tongue Terminals



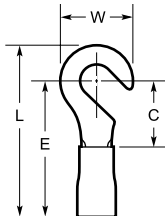
Material
Insulation -Vinyl, UL 94V-0
Terminal Body -Copper per
 ASTM B-152
Plating -Tin per ASTM B-545

Related Product Data
Insulation Color Code -pg. 4
Packaging Quantities -pg. 4
Performance Specifications -
 pgs. 4 & 5
Application Tooling -pg. 66

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 M3.5	.218 5.54	.156 3.96	.572 14.53	.658 16.71	Red	.125 3.18	34090	—
		8 M4	.281 7.14	.250 6.35	.666 16.92	.782 19.86	Red	.140 3.56	324184	2-324184-1

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

Hook Tongue Terminals



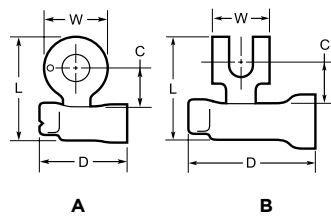
Material
Insulation -Vinyl, UL 94V-0
Terminal Body -Copper per
 ASTM B-152
Plating -Tin per ASTM B-545

Related Product Data
Insulation Color Code -pg. 4
Packaging Quantities -pg. 4
Performance Specifications -
 pgs. 4 & 5
Application Tooling -pg. 66

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 Terminals and Splices (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

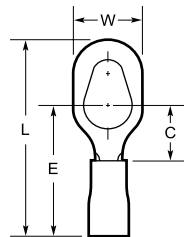
Packaging Quantities -pg. 4

Performance Specifications -pgs. 4 & 5

Application Tooling -pg. 66

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

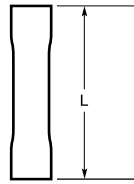
Application Tooling -pg. 66

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 Terminals and Splices (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. 66

Wire Size Circular Mils ¹ [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 ^{3*}	—
	.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 ^{3*}	1-34204-0
12-10 5,180-13,100 [2.62-6.64]	1.160 29.46	Yellow	.200 5.08	34069	—
	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†}	—
8	1.160 29.46	Yellow	.138 x .281 3.51 x 7.14	34205 ^{3*}	—
	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.

¹When 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.

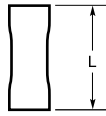
³Oval expansion.

⁴Funnel entry

⁵Oval expansion at one end; circular expansion at other end.

PLASTI-GRIP Terminals and Splices (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. 66

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 ² *
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*

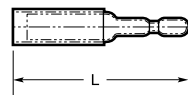
*Available in small packaging quantities.

¹When using two or more wires in a parallel splice, the combined cross sectional area must be within the (CMA) circular mil area listed.

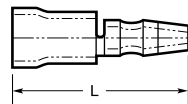
²Oval expansion.

Shur-Plug

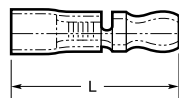
(.093, .156 and .180 Series)



.093 Series



.156 Series



.180 Series

Material (.093 Series)

Insulation -Vinyl, UL 94V-0

Terminal Body -Brass per ASTM B-36

Material

(.156 & .180 Series)

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. 66

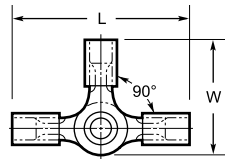
Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Series	Dimension L Max.	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers	
22-16 509-3,260 [0.26-1.65]	—	.093	.812 20.62	Red	.140 3.56	34178	—
16-14 2,050-5,180 [1.04-2.62]	.033 0.84	.156	.800 20.32	Blue	.170 4.32	324227 [†]	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 Terminals and Splices (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

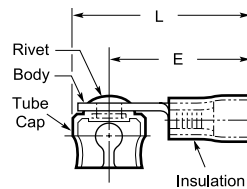
Performance Specifications -pgs. 4 & 5

Application Tooling -pg. 66

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

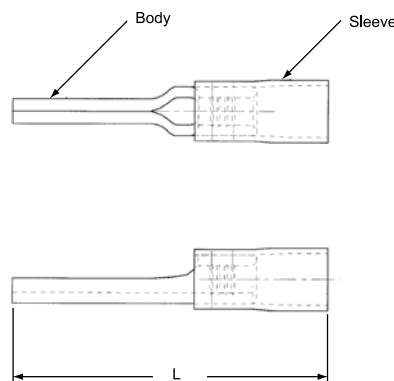
Performance Specifications -pgs. 4 & 5

Application Tooling -pg. 66

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

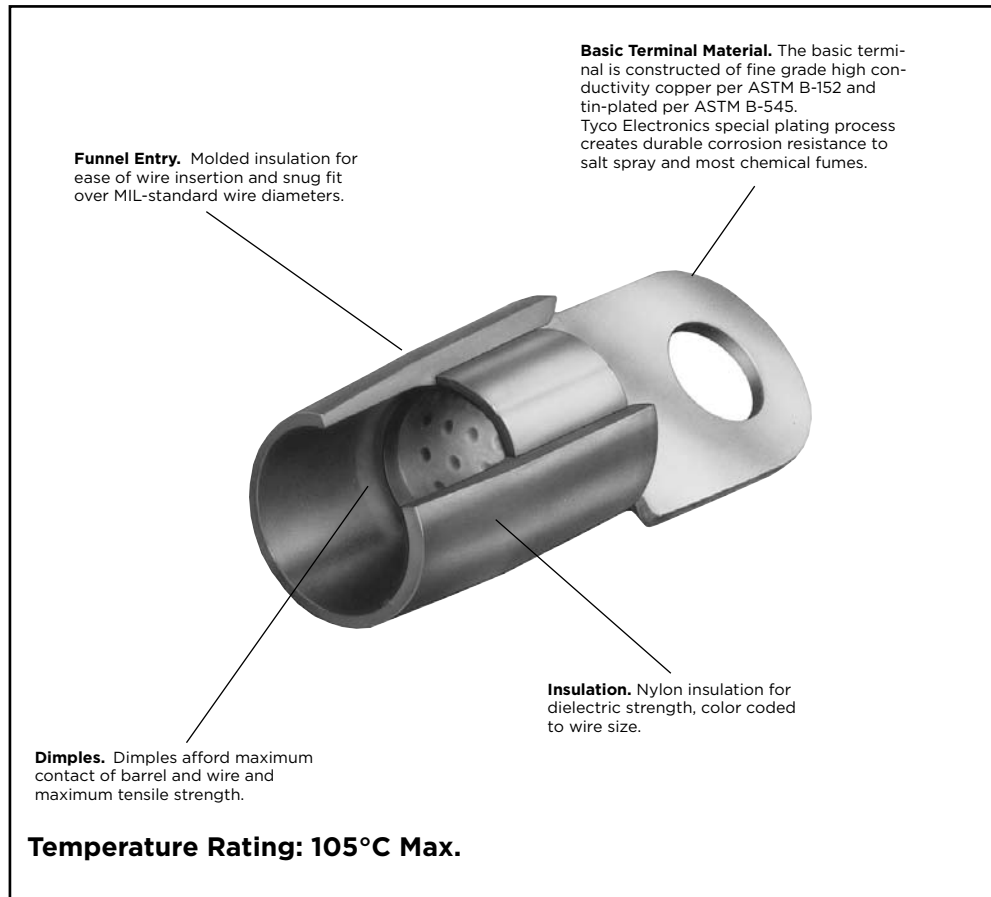


Wire Size Circular Mils [mm ²]	Tab	Dimensions		Terminal Insulation Color	Wire Insulation Diameter Max.	Part Number
		Ins. Max.	L Max.			
22-16	.070 1.78	.140 3.56	.943 23.95	Red	.145 3.68	696116-1 (Tape)
	.071 1.80	.135 3.43	.905 22.99	Red	.145 3.68	165167 (Loose Piece)

TERMINYL Terminals and Splices

Product Facts

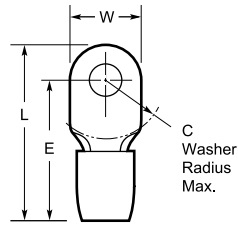
- Designed to provide insulated terminals and splices for large wire sizes, many of which are used in airborne and ground support applications
- Tested under the procedures stipulated by MIL Spec. MIL-T-7928, they meet and exceed requirements
- Designed and engineered to withstand extreme vibration, shock and structural stresses, elevated temperatures and other conditions which could adversely affect the circuit requirements in complex air and space flight equipment
- The use of matching AMP tooling provides for precision crimping which makes all terminations identical
- This uniformity promotes maximum reliability and, coupled with tool die marks on the barrel indicating the wire size and color coding of the insulation sleeve, also serves as a built-in quality control factor
- Pre-insulated with color coded nylon which also acts as insulation support
- Wire size range of terminals is 8 AWG through 4/0 AWG



TERMINYL Terminals meet or exceed the requirements of MIL-T-7928, Type II, Class 2.
Refer to AMP Qualified Products for Military Application, Catalog 73-159 for Military Specification Number to AMP Part Number cross reference.

TERMINYL Terminals and Splices (Continued)

Ring Tongue Terminals



Material

Insulation -Nylon, UL 94V-2

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. 67

Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions				Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers	
			W	C	E Max.	L Max.			Loose Piece	
8 13,100-20,800 [6.64-10.5]	.043 1.09	8 M4	.478 12.14	.437 11.10	1.183 30.05	1.425 36.20	Red	.256 6.50		53041
		10	.431 10.95	.437 11.10	1.183 30.05	1.402 35.61	Red	.256 6.50		324043
		1/4 M6	.478 12.14	.437 11.10	1.183 30.05	1.425 36.20	Red	.256 6.50		324082
		5/16 M8	.587 14.91	.500 12.70	1.246 31.65	1.542 39.17	Red	.256 6.50		324044
		3/8	.587 14.91	.500 12.70	1.246 31.65	1.542 39.17	Red	.256 6.50		324045
6 20,800-33,100 [10.5-16.8]	.048 1.22	10	.398 10.11	.515 13.08	1.447 36.75	1.700 43.18	Blue	.314 7.98		53119-1 ¹
			.468 11.89	.421 10.69	1.338 33.99	1.575 40.01	Blue	.314 7.98		324046
		1/4 M6	.500 12.70	.515 13.08	1.447 36.75	1.700 43.18	Blue	.314 7.98		324047
		5/16 M8	.625 15.88	.515 13.08	1.447 36.75	1.762 44.75	Blue	.314 7.98		324048
		3/8	.625 15.88	.515 13.08	1.447 36.75	1.762 44.75	Blue	.314 7.98		324049
4 33,100-52,600 [16.8-26.7]	.051 1.30	8 M4	.437 11.10	.265 6.73	1.155 29.34	1.376 34.95	Yellow	.382 9.70		331456
		10	.437 11.10	.265 6.73	1.155 29.34	1.376 34.95	Yellow	.382 9.70		1-331456-0
			.546 13.87	.531 13.49	1.536 39.01	1.812 46.02	Yellow	.382 9.70		324111
		1/4 M6	.546 13.87	.531 13.49	1.536 39.01	1.812 46.02	Yellow	.382 9.70		324050
		5/16 M8	.679 17.25	.531 13.49	1.536 39.01	1.878 47.70	Yellow	.382 9.70		324051
		3/8	.679 17.25	.531 13.49	1.536 39.01	1.878 47.70	Yellow	.382 9.70		324052*
		1/2 M12	.679 17.25	.531 13.49	1.536 39.01	1.878 47.70	Yellow	.382 9.70		324114
4HD ³ 33,100-52,600 [16.8-26.7]	.094 2.39	1/4 M6	.500 12.70	.390 9.91	1.349 34.26	1.602 40.69	Yellow	.443 11.25		330966
		5/16 M8	.679 17.25	.456 11.58	1.565 39.75	1.907 48.44	Yellow	.443 11.25		1-331421-0
		3/8	.679 17.25	.456 11.58	1.565 39.75	1.907 48.44	Yellow	.443 11.25		1-331421-1
2 52,600-83,700 [26.7-42.4]	.060 1.52	10	.711 18.06	.578 14.68	1.705 43.31	2.063 52.40	Red	.468 11.89		328655
		1/4 M6	.679 17.25	.578 14.68	1.705 43.31	2.045 51.94	Red	.468 11.89		324053
		5/16 M8	.711 18.06	.578 14.68	1.705 43.31	2.063 52.40	Red	.468 11.89		324112
		3/8	.711 18.06	.578 14.68	1.705 43.31	2.063 52.40	Red	.468 11.89		324054
		1/2 M12	.855 21.72	.578 14.68	1.705 43.31	2.135 54.23	Red	.468 11.89		324055

*Available in small packaging quantities.

¹Rectangular tongue terminal

²90° bend ring tongue terminal

³Heavy duty for extra mechanical strength.

TERMINYL Terminals and Splices (Continued)

Ring 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	E Max.	L Max.			Loose Piece	
1/0 83,700-119,500 [42.4-60.6]	.073 1.85	1/4 M6	.675 17.15	.625 15.88	2.033 51.64	2.360 59.94	Blue	.580 14.73	55822-1	
			.807 20.50	.625 15.88	2.033 51.64	2.426 61.62	Blue	.580 14.73	324056	
		5/16 M8	.807 20.50	.625 15.88	2.033 51.64	2.426 61.62	Blue	.580 14.73	324113	
		3/8	.807 20.50	.625 15.88	2.033 51.64	2.426 61.62	Blue	.580 14.73	324057	
		1/2 M12	.875 22.23	.625 15.88	2.017 51.23	2.454 62.33	Blue	.580 14.73	324058	
2/0 119,500-150,500 [60.6-76.3]	.083 2.11	5/16 M8	.926 23.52	.625 15.88	2.026 51.46	2.416 61.37	Yellow	.610 15.49	324083	
		3/8	.926 23.52	.625 15.88	2.026 51.46	2.416 61.37	Yellow	.610 15.49	324084	
		1/2 M12	.926 23.52	.625 15.88	2.026 51.46	2.416 61.37	Yellow	.610 15.49	324085	
3/0 150,500-190,000 [76.3-96.3]	.094 2.39	3/8	1.082 27.48	.625 15.88	2.294 58.27	2.794 70.97	Red	.680 17.27	324185	
4/0 190,000-231,100 [96.3-117]	.105 2.67	3/8	.835 21.21	.625 15.88	2.295 58.29	2.700 68.58	Blue	.765 19.43	329150	
			1.150 29.21	.625 15.88	2.295 58.29	2.858 72.59	Blue	.765 19.43	324187	
		1/2 M12	1.150 29.21	.625 15.88	2.295 58.29	2.858 72.59	Blue	.765 19.43	324188	

TERMINYL Terminals and Splices (Continued)

Butt Splices

Material

Insulation Sleeve -Nylon, UL 94V-2

Splice Body -Copper per ASTM B-152

Plating -Tin per ASTM B-545

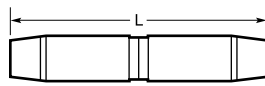
Related Product Data

Insulation Color Code -pg. 4

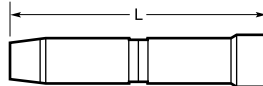
Packaging Quantities -pg. 4

Performance Specifications - pgs. 4 & 5

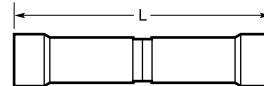
Application Tooling -pg. 67



Single to single-
Standard splice or
step down assembly



Single to multiple
Standard splice



Multiple to Multiple
Standard splice

Wire Size Circular Mils [mm ²]	Style	Dimension L Max.	Splice Insulation Color	Wire Insulation Diameter Max.		Part Numbers
				Single End	Multiple End	
8 to 12-10 13,100-20,800 [6.64-10.5] to 5,180-13,100 [2.62-6.64]	Single to Single Step-Down Assembly	2.066 52.48	Red w/ Yellow at adapter end	.255 6.48	—	328569
6 to 8 20,800-33,100 [10.5-16.8] to 13,100-20,800 [6.64-10.5]	Single to Single Step-Down Assembly	2.265 57.53	Blue w/ Red at adapter end	.310 7.87	—	328571
8 13,100-20,800 [6.64-10.5]	Single to Single Standard Splice	2.066 52.48	Red	.255 6.48	—	324625
6 20,800-33,100 [10.5-16.8]		2.265 57.53	Blue	.310 7.87	—	324660
4 33,100-52,600 [16.8-26.7]		2.804 71.22	Yellow	.370 9.40	—	324622
2 52,600-83,700 [26.7-42.4]		3.094 78.59	Red	.445 11.30	—	324623
8 13,100-20,800 [6.64-10.5]	Single to Multiple Standard Splice	2.171 55.14	Red	.255 6.48	.335 8.51	324658
6 20,800-33,100 [10.5-16.8]		2.359 59.92	Blue	.310 7.87	.415 10.54	324621
4 33,100-52,600 [16.8-26.7]		2.804 71.22	Yellow	.370 9.40	.495 12.57	324662
8 13,100-20,800 [6.64-10.5]	Multiple to Multiple Standard Splice	2.276 57.81	Red	—	.335 8.51	324657
6 20,800-33,100 [10.5-16.8]		2.484 63.09	Blue	—	.415 10.54	324659
2 52,600-83,700 [26.7-42.4]		3.094 78.59	Red	—	.595 15.11	324663

¹Step-Down Assembly includes adapter which is visible through insulation sleeve window.

CERTI-SEAL Terminals and Splices

Product Facts

- Nylon window splice for military, commercial, aircraft, and missile applications that seals out vapors and fluids and imparts exceptional wire insulation support
- Metal rings at both ends of splice and permanently crimped to wire insulation for a moisture tight seal, even at altitude
- Designed to fit more than 100 insulation diameters in MIL-Spec wires from #24 to #10 AWG, and is available in three types
- First type is made with a nylon ring adapter within the wire entrance
- Second type, without nylon ring adapters
- Third type with a nylon ring adapter in one end only
- Special notch feature on the outside of the splice allows locator in the crimping tool to precisely position splice before crimping and to prevent twisting or horizontal movement during crimping
- Window area of each splice permits visual inspection of the linear plane of the crimp in relation to the inner metal sleeve
- Wire-stops in splice barrel indicate exact insertion depth of stripped wire-ends

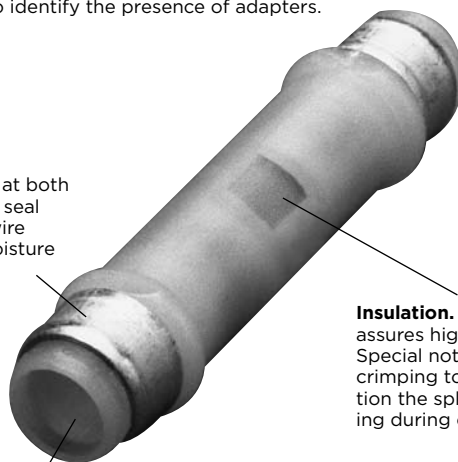
Color Coding. The splice body is color coded by wire size: Tin plated for 24-20, Red for 22-18, Blue for 16-14, Yellow for 12-10. The metal rings are color coded green or orange to identify the presence of adapters.

Basic Splice Material. The basic splice body is constructed of fine grade high conductivity copper per ASTM B-152 and is either color coded or tin-plated per ASTM B-545. Tyco Electronics special plating process creates durable corrosion resistance to salt spray and most chemical fumes.

Rings. Metal rings at both ends permanently seal the splice to the wire insulation for a moisture tight seal.

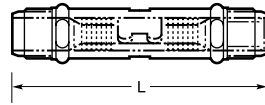
Insulation. Nylon insulation assures high dielectric strength. Special notch feature allows crimping tool locator to position the splice to prevent twisting during crimping.

Adapters. Nylon ring adapter allows for smaller wire insulation diameters.



CERTI-SEAL Terminals and Splices (Continued)

Splice



Material

Insulation -Nylon, UL 94V-2

Splice Body -Copper per ASTM B-152

Plating -Tin per ASTM B-545 or Zinc Plate/Dye Chromate

Related Product Data

Insulation Color Code -pg. 4

Packaging Quantities -pg. 4

Performance Specifications -pgs. 4 & 5

Application Tooling -shown below

Splices with nylon wire insulation diameter adapters

Wire Size Circular Mils [mm ²]	L Max.	Body Color	Ring Color	Wire Insulation Dia. Max.	Part Numbers	Hand Tool Part No.
24-20 320-1,290 [0.16-0.65]	.970 24.64	Tin Plated	Green	.065 1.65	324987	46073
24-20 320-1,290 [0.16-0.65]	.970 24.64	Tin Plated	Orange	.073 1.85	1-324987-0	46073
22-18 509-1,900 [0.26-0.96]	1.156 29.36	Red	Green	.101 2.57	324988	46074
16-14 2,050-5,180 [1.04-2.62]	1.156 29.36	Blue	Green	.120 3.05	324989	59282
12-10 5,180-13,100 [2.62-6.64]	1.345 34.16	Yellow	Green	.150 3.81	324990	58325-1

Splices without nylon wire insulation diameter adapters

Wire Size Circular Mils [mm ²]	L Max.	Body Color	Ring Color	Wire Insulation Dia. Max.	Part Numbers	Hand Tool Part No.
24-20 320-1,290 [0.16-0.65]	.970 24.64	Tin Plated	Tin Plated	.100 2.54	324544	46073
22-18 509-1,900 [0.26-0.96]	1.156 29.36	Red	Tin Plated	.133 3.38	324548	46074
16-14 2,050-5,180 [1.04-2.62]	1.156 29.36	Blue	Tin Plated	.157 3.99	324549	59282
12-10 5,180-13,100 [2.62-6.64]	1.345 34.16	Yellow	Tin Plated	.218 5.54	324631	58325-1
16-14 HD	1.345 34.16	Tin Plated	Tin Plated	.218 5.54	55685-1	58325-1

Splices with nylon wire insulation diameter adapter in one end

Wire Size Circular Mils [mm ²]	L Max.	Body Color	Ring Color	Wire Insulation Dia. Max.		Part Number	Hand Tool Part No.
				Adapter End	Other End		
24-20 320-1,290 [0.16-0.65]	.970 24.64	Tin Plated	Orange & Tin Plated	.073 1.85	.100 2.54	1-324987-1	46073

Tooling



Tool Part No. 46073 or 46074



Tool Part No. 59282 or 58325-1

Hand tooling features the AMP CERTI-CRIMP ratchet so that the operator fully closes tool so that crimping dies in tool head fully "bottom". Locator feature in head assures that splice is properly oriented in tool. CERTI-SEAL Tools do not require wire insulation adjustment prior to crimping.

Class 1 and Class 2 Military Approvals

Approval	Dimensional Requirement	Application Tooling	Use	Performance Requirement
Class 1	Terminals must comply with the dimensional requirements specified by the military.	Hand application tool which must conform to the military's dimensional and performance specification.	For procurement by government agencies for maintenance and repair.	
Class 2	Terminals must comply with the dimensional requirements specified by the manufacturer's customer drawing. For field repair purposes Class 2 terminals must be capable of being replaced by Class 1 Terminals.	The terminal manufacturers recommended application tooling. Note: Several tape mounted part numbers are currently Class 2 approved.	For procurement by contractors and manufacturers for high volume production, modification, and repair.	Per Military Specification Mil-T-7928G

Military Specifications MS 25036

AWG	MS25036 Dash Numbers	PIDG Part Numbers		Class	Stud Size
		Loose Piece	Tape Mounted		
22-18	101	36149	—	1 & 2	6
		—	2-36149-2	2	6
		36150	—	1 & 2	6
		—	2-36150-1	2	6
	102	51863	—	1 & 2	6
		—	51863-1	2	6
	103	36153	—	1 & 2	10
		—	2-36153-2	2	10
		36154	—	1 & 2	10
		—	2-36154-2	2	10
	104	31895	—	1 & 2	5/16
		—	2-31895-1	2	5/16
		320572	—	1 & 2	5/16
		—	2-320572-1	2	5/16
	105	31897	—	1 & 2	3/8
		—	2-31897-2	2	3/8
		320573	—	1 & 2	3/8
		—	2-320573-4	2	3/8
16-14	106	320561	—	1 & 2	6
		—	2-320561-2	2	6
	107	51864	—	1 & 2	6
		—	51864-3	2	6
	108	51864-2	—	1 & 2	10
		—	51864-4	2	10
	109	320575	—	1 & 2	5/16
		—	2-320575-1	2	5/16
	110	320564	—	1 & 2	3/8
		—	2-320564-3	2	3/8
12-10	111	35107	—	1 & 2	6
		—	2-35107-1	2	6
		320567	—	1 & 2	6
		—	2-320567-2	2	6
	112	35109	—	1 & 2	10
		—	2-35109-1	2	10
		36161	—	1 & 2	10
		—	2-36161-2	2	10
	113	35111	—	1 & 2	5/16
		—	2-35111-1	2	5/16
		320576	—	1 & 2	5/16
		—	2-320576-1	2	5/16
	114	35112	—	1 & 2	3/8
		320577	—	1 & 2	3/8
		—	2-320577-3	2	3/8
		—	—	—	—

Class 1 and Class 2 Military Approvals (Continued)

Military Specifications MS 25036

(Continued)

AWG	MS25036 Dash Numbers	TERMINYL Part Numbers		Class	Stud Size
		Loose Piece	Tape Mounted		
8	115	324043	—	2	10
	116	324082	—	2	1/4
	117	324044	—	2	5/16
	118	324045	—	2	3/8
	119	324046	—	2	10
6	120	324047	—	2	1/4
	121	324048	—	2	5/16
	122	324049	—	2	3/8
	123	324050	—	2	1/4
4	124	324051	—	2	5/16
	125	324052	—	2	3/8
	126	324053	—	2	1/4
2	127	324054	—	2	3/8
	128	324055	—	2	1/2
1 ¹	129	324056	—	2	1/4
	130	324057	—	2	3/8
	131	324058	—	2	1/2
	132	324056	—	2	1/4
1/0	133	324057	—	2	3/8
	134	324058	—	2	1/2
2/0	135	324083	—	2	5/16
	136	324084	—	2	3/8
	137	324085	—	2	1/2
3/0	138	324185	—	2	3/8
4/0	140	324187	—	2	3/8
	141	324188	—	2	1/2

¹Tyco Electronics recommends #1/0 AWG terminals for #1 AWG application.

Class 1 and Class 2 Military Approvals (Continued)

**Military Specifications
MS 25036**

(Continued)

AWG	MS25036 Dash Numbers	PIDG Part Numbers		Class	Stud Size
		Loose Piece	Tape Mounted		
26-24	143	54310-1	—	1 & 2	2
		323913	—	2	2
	144	52189	—	1 & 2	4
		323914	2-323914-1	2	4
	145	53073	—	1 & 2	6
		326875	2-326875-1	2	6
	146	54311-1	—	1 & 2	8
		323916	2-323916-1	2	8
	147	54312-1	—	1 & 2	10
		—	54312-2	2	10
		324075	2-324075-1	2	10
		31880	—	1 & 2	4
22-18	148	—	2-31880-1	2	4
		320553	—	1 & 2	4
		—	2-320553-2	2	4
		31890	—	1 & 2	8
	149	—	2-31890-1	2	8
		320551	—	1 & 2	8
		—	1-320551-1	2	8
		31894	—	1 & 2	1/4
	150	—	2-31894-2	2	1/4
		320571	—	1 & 2	1/4
		—	2-320571-2	2	1/4
		328975	—	1 & 2	1/2
16-14	152	324159	—	1 & 2	4
	153	51864-1	—	1 & 2	8
		—	51864-5	2	8
	154	320563	—	1 & 2	1/4
		—	2-320563-2	2	1/4
	155	328976	—	1 & 2	1/2
12-10	156	35108	—	1 & 2	8
		—	2-35108-1	2	8
		320568	—	1 & 2	8
		—	2-320568-1	2	8
		35110	—	1 & 2	1/4
		—	2-35110-1	2	1/4
	157	320569	—	1 & 2	1/4
		—	2-320569-3	2	1/4
	158	—	—	2	1/2
		52077	—	2	1/2

Class 1 and Class 2 Military Approvals (Continued)

Military Specifications M7928/1

AWG	M7928/1 Dash Numbers	PIDG-Insulation Restricting Part Numbers		Class	Stud Size
		Loose Piece	Tape Mounted		
26	1	53078	—	1 & 2	2
	2	53049	—	1 & 2	4
	3	53050	—	1 & 2	6
	4	53051	—	1 & 2	8
	5	53052	—	1 & 2	10
24	6	53053	—	1 & 2	2
	7	53054	—	1 & 2	4
	8	53055	—	1 & 2	6
	9	53056	—	1 & 2	8
	10	53057	—	1 & 2	10
22	11	52273	—	1 & 2	4
	12	2-36149-3	—	1 & 2	6
	13	51863-2	—	1 & 2	6
		—	51863-5	2	6
	14	1-320551-2	—	1 & 2	8
		—	1-320551-5	2	8
	15	2-36153-3	—	1 & 2	10
		—	2-36153-6	2	10
	16	2-320571-3	—	1 & 2	1/4
	17	2-320572-2	—	1 & 2	5/16
20	18	2-320573-1	—	1 & 2	3/8
	19	2-328975-1	—	1 & 2	1/2
	20	52273-1	—	1 & 2	4
	21	2-36149-4	—	1 & 2	6
	22	51863-3	—	1 & 2	6
		—	51863-6	2	6
	23	1-320551-3	—	1 & 2	8
	24	2-36153-4	—	1 & 2	10
		—	2-36153-8	2	10
	25	2-320571-4	—	1 & 2	1/4
18	26	2-320572-3	—	1 & 2	5/16
	27	2-320573-2	—	1 & 2	3/8
	28	2-328975-2	—	1 & 2	1/2
	29	52273-2	—	1 & 2	4
	30	2-36149-5	—	1 & 2	6
	31	51863-4	—	1 & 2	6
		—	51863-7	2	6
	32	1-320551-4	—	1 & 2	8
		—	1-320551-8	2	8
	33	2-36153-5	—	1 & 2	10
16		—	2-36153-9	2	10
	34	2-320571-5	—	1 & 2	1/4
	35	2-320572-4	—	1 & 2	5/16
	36	2-320573-3	—	1 & 2	3/8
	37	2-328975-3	—	1 & 2	1/2
	38	52274	—	1 & 2	4
	39	2-320561-3	—	1 & 2	6
	40	51864-6	—	1 & 2	6
		—	1-51864-2	2	6
	41	1-51864-0	—	1 & 2	8
16	42	51864-7	—	1 & 2	10
		—	1-51864-3	2	10
	43	2-320563-3	—	1 & 2	1/4
	44	2-320575-2	—	1 & 2	5/16
	45	2-320564-1	—	1 & 2	3/8
	46	2-328976-1	—	1 & 2	1/2

Class 1 and Class 2 Military Approvals (Continued)

Military Specifications M7928/1

(Continued)

AWG	M7928/1 Dash Numbers	PIDG-Insulation Restricting		Class	Stud Size	
		Part Numbers				
		Loose Piece	Tape Mounted			
14	47	52274-1	—	1 & 2	4	
	48	2-320561-4	—	1 & 2	6	
	49	51864-8	—	1 & 2	6	
	50	1-51864-1	—	1 & 2	8	
		—	1-51864-7	2	8	
	51	51864-9	—	1 & 2	10	
		—	1-51864-5	2	10	
	52	2-320563-4	—	1 & 2	1/4	
	53	2-320575-3	—	1 & 2	5/16	
	54	2-320564-2	—	1 & 2	3/8	
12	55	2-328976-2	—	1 & 2	1/2	
	56	2-36161-5	—	1 & 2	6	
	57	2-320568-2	—	1 & 2	8	
	58	2-36161-3	—	1 & 2	10	
	59	2-320569-5	—	1 & 2	1/4	
	60	2-320576-2	—	1 & 2	5/16	
	61	2-320577-1	—	1 & 2	3/8	
	62	52077-1	—	2	1/2	
	10	63	2-36161-6	—	1 & 2	6
		64	2-320568-3	—	1 & 2	8
65		2-36161-4	—	1 & 2	10	
		—	2-36161-8	2	10	
66		2-320569-6	—	1 & 2	1/4	
		—	2-320569-8	2	1/4	
67		2-320576-3	—	1 & 2	5/16	
68		2-320577-2	—	1 & 2	3/8	
69		52077-2	—	2	1/2	

Military Specifications M7928/4

AWG	M7928/4 Dash Numbers	PIDG PVF ₂		Class	Stud Size
		Part Numbers			
		Loose Piece	Tape Mounted		
22-18	101	53406-1	—	1 & 2	6
	102	53407-1	—	1 & 2	6
		—	53407-2	2	6
	103	53409-1	—	1 & 2	10
	104	53411-1	—	1 & 2	5/16
16-14	105	53412-1	—	1 & 2	3/8
	106	53415-1	—	1 & 2	6
		53416-1	—	1 & 2	6
	107	—	53416-2	2	6
		53418-1	—	1 & 2	10
	108	—	53418-2	2	10
		109	53420-1	—	1 & 2
	110	53421-1	—	1 & 2	3/8
12-10	111	53423-1	—	1 & 2	6
	112	53425-1	—	1 & 2	10
		—	53425-2	2	10
	113	53427-1	—	1 & 2	5/16
	114	53428-1	—	1 & 2	3/8
26-24	143	53400-1	—	1 & 2	2
	144	53401-1	—	1 & 2	4
	145	53402-1	—	1 & 2	6
	146	53403-1	—	1 & 2	8
	147	53404-1	—	1 & 2	10

Class 1 and Class 2 Military Approvals (Continued)

Military Specifications M7928/4

(Continued)

AWG	M7928/4 Dash Numbers	PIDG PVF ₂		Class	Stud Size
		Part Numbers			
		Loose Piece	Tape Mounted		
22-18	148	53405-1	—	1 & 2	4
	149	53408-1	—	1 & 2	8
		—	53408-2	2	8
	150	53410-1	—	1 & 2	1/4
		—	53410-2	2	1/4
	151	53413-1	—	1 & 2	1/2
16-14	152	53414-1	—	1 & 2	4
	153	53417-1	—	1 & 2	8
	154	53419-1	—	1 & 2	1/4
	155	53422-1	—	1 & 2	1/2
12-10	156	53424-1	—	1 & 2	8
		—	53424-2	2	8
	157	53426-1	—	1 & 2	1/4
	158	53429-1	—	2	1/2

Military Specifications M7928/5

AWG	M7928/5 Dash Numbers	PIDG Window Splice		Class
		Part Numbers		
		Loose Piece	Tape Mounted	
26-24	1	323994	—	1 & 2
24-20	2	323975	—	1 & 2
		—	2-323975-3	2
22-18	3	320559	—	1 & 2
		—	2-320559-4	2
16-14	4	320562	—	1 & 2
		—	2-320562-3	2
12-10	5	320570	—	1 & 2

Military Specifications M7928/6

AWG	M7928/6 Dash Numbers	PIDG Window Splice PVF ₂		Class
		Part Numbers		
		Loose Piece	Tape Mounted	
26-24	1	53546-1	—	1 & 2
24-20	2	53547-1	—	1 & 2
		—	53547-2	2
22-16	3	53548-1	—	1 & 2
		—	53548-2	2
16-14	4	53549-1	—	1 & 2

Class 1 and Class 2 Military Approvals (Continued)

**Military Specifications
MS 17143**

AWG	MS17143 Dash Numbers	PIDG		Class	Stud Size
		Part Numbers			
		Loose Piece	Tape Mounted		
22-18	1	327932	—	1 & 2	8
16-14	2	2-327934-2	—	1 & 2	8
12-10	3	327936	—	1 & 2	8
22-18	4	2-327938-1	—	1 & 2	6
		—	2-327938-2	2	6
16-14	5	2-327940-4	—	1 & 2	6
12-10	6	327942	—	1 & 2	6
22-18	7	327944	—	1 & 2	8
		—	2-327944-2	2	8
16-14	8	2-327946-4	—	1 & 2	8
12-10	9	327948	—	1 & 2	8
22-18	10	2-327950-1	—	1 & 2	5
16-14	11	2-327952-2	—	1 & 2	5
		—	2-327952-6	2	5
12-10	12	327954	—	1 & 2	5
		—	2-327954-2	2	5
22-18	13	2-327956-1	—	1 & 2	6
16-14	14	2-327958-4	—	1 & 2	6
12-10	15	2-327960-1	—	1 & 2	6
		—	2-327960-2	2	6
22-18	16	327962	—	1 & 2	4
16-14	17	2-327964-4	—	1 & 2	4
12-10	18	327966	—	1 & 2	4
22-18	19	2-327968-1	—	1 & 2	4
16-14	20	2-327970-4	—	1 & 2	4
12-10	21	327972	—	1 & 2	4

Tooling

Insulated Terminals and Splices — 30 to 10 AWG Wire Range

Description	AMP Wire Range	Tools for Loose Piece Termination					Tools for Tape Mounted Terminations				
		Hand Tools		Pneumatic Tools			Tape Dies for 69875 AMP-TAPETRONIC No Applicator Required	Tape Dies for 354500-1 AMP-O-LECTRIC Model "G" Applicator 567200-3	Tape Dies for 818380-1 AUTO-PRO Applicator 818057-2	Tape Dies for AMPOMATOR CLS III G, CLS IV AMP-O-LECTRIC Applicator 687658-1	Tape Dies for 565435-5 AMP-O-LECTRIC Model "K" Applicator 567200-2
		Single Wire Range	Multi-Wire Range	Heads for 6-26 Single Wire Range	Heads for 6-26 Multi-Wire Range	Dies for 69365, 69365-2, 69710-1 ³ , 217200-1 ⁴					
PIDG Terminals & Splices and PLASTI-GRIP Terminals	30-26	69163—uses 26-22 Terms.	—	—	—	—	—	—	—	—	—
	26-22	46121 ¹	59275 ¹	314537-1	—	69344	69877	69877	69877	69877	69877
	22-16	47386 [†]	59250 [†] 59824-1 58433-3 ²	314270-3	679305-1	47806-2	69872* 59826-1 ¹	69872* 59826-1 ¹	69872* 59826-1 ¹	69872* 59826-1 ¹	69872* 59826-1 ¹
	16-14	68343-1 (.250 exp.) 47387	59250 [†] 59824-1 ¹ 58433-3 ²	314269-1	679305-1	47807-1	69873* 59827-1 ¹	69873* 59827-1 ¹	69873* 59827-1 ¹	69873* 59827-1 ¹	69873* 59827-1 ¹
	12-10	59239-4 [†]	59824-1 ¹	—	—	—	69874* 69897	69874* 69897	69874* 69897	69874* 69897	69874* 69897
	16-14 HD	59287-2 (.300 exp.)	58433-3 ²	679300-1	679305-1	47808-5 (.300 exp.)	59828-1 ¹ (.300 exp.)	59828-1 ¹ (.300 exp.)	59828-1 ¹ (.300 exp.)	59828-1 ¹ (.300 exp.)	59828-1 ¹ (.300 exp.)
PLASTI-GRIP Splices	26-22	46121 (butt spl. only)	—	—	—	—	—	—	—	—	—
	22-16	45160 (butt spl. only) 45449 (parallel spl. only)	58433-3 ² (butt spl. only)	314868-1 (butt spl. only)	—	—	69872 (butt spl. only)	69872 (butt spl. only)	69872 (butt spl. only)	69872 (butt spl. only)	69872 (butt spl. only)
	16-14	45575-1 (butt spl. only) 45450 (parallel spl. only)	58433-3 ² (butt spl. only)	314869-1 (butt spl. only)	—	—	69873 (butt spl. only)	69873 (butt spl. only)	69873 (butt spl. only)	69873 (butt spl. only)	69873 (butt spl. only)
	12-10	59489 (butt spl. only)	58433-3 ²	—	—	—	69874 (butt spl. only)	69874 (butt spl. only)	69874 (butt spl. only)	69874 (butt spl. only)	69874 (butt spl. only)
	16-14 HD	59287-1 (.300 exp. butt spl. only) 59270 (parallel spl. only)	58433-3 ² (butt spl. only)	—	—	—	69874 (butt spl. only)	69874 (butt spl. only)	69874 (butt spl. only)	69874 (butt spl. only)	69874 (butt spl. only)

¹Tooling with adjustable insulation crimp.

^{*}Same die set/configuration as in hand tools.

[†]TETRA-CRIMP die configuration.

²PRO-CRIMPER II commercial tool not approved for UL applications.

³69710-1 hand tool.

⁴6-26 Pneumatic Tool Adapter

Tooling (Continued)

Insulated Terminals and Splices — 8 to 4/0 AWG Wire Range

Description	Wire Size	Tools for Loose Piece Terminations				Tools for Tape Mounted Terminations	
		Hand Tools	Dies for Crimp Head 69051 ¹ & Hydraulic Hand Tool 59974-1	Dies for Crimp Head 69066 ¹ & 58422-1 ¹	Head for Pneumatic Hand Tool 69015	Dies for AMP-TAPETRONIC Machine 68250-1	Dies for AMP-TAPETRONIC Machine with Insulation Adjustment 68250-2
PLASTI-GRIP Terminals and Splices	8	69959	48752-1 47820 ²	—	—	68247-1 ²	1214512-1 ³ 1214512-2 ⁴
	6	—	48753-1 47821 ²	—	68325-1	68248-1 ²	1213500-1 ³ 1213500-2 ⁴
	4	—	48754-1 47822 ²	—	—	68249-1 ²	1213098-1 ³ 1213098-2 ⁴
	2	—	48755-1 47823 ²	—	—	—	—
	1/0	—	—	48756-1	—	—	—
	2/0	—	—	48757-1	—	—	—
TERMINYL Terminals and Splices	8	—	47820	—	68285-1	—	—
	6	—	47821	—	—	—	—
	4	—	47822	—	—	—	—
	2	—	47823	—	—	—	—
	1/0	—	—	47824	—	—	—
	2/0	—	—	47825	—	—	—
	3/0	—	—	47915	—	—	—
	4/0	—	—	47918	—	—	—
	4 HD	—	—	69463	—	—	—

¹Heads for Power Units 69120-1, 69120-2, or 314979-1.

²No insulation crimp.

³Without insulation crimp.

⁴With insulation crimp.

Insulated FASTON Terminals and Splices— 26 to 10 AWG Wire Range

Wire Size	Hand Tool	Tools for Tape Mounted Terminations			Tools for Strip Form Terminations
		Tape Dies for 69875 AMP-TAPETRONIC No Applicator Required	Tape Dies for AMP-O-LECTRIC ¹ Model "G" Applicator 567200-3	Tape Dies for AMPOMATOR CLS III G, CLS IV Applicator 687658-1	AMPOMATOR CLS III G, CLS IV Applicators
26-24	48518-2	69877-2	69877-2	69877-2	—
22-18	59824-1	59826-1	59826-1*	59826-1	466788-3 ²
22-18 (Natural)	90185-1	90248-2	90248-2	90248-2	466554-3
16-14	59824-1	59827-1	59827-1*	59827-1	466789-3 ²
14-12	90246-1	90240-2	90240-2	90240-2	—
12-10	59824-1	59828-1	59828-1*	59828-1	466790-4 ²

*Only UL and CSA approved.

¹AMP-O-LECTRIC Model "K" 565435-5 uses applicator 567200-2.

²Die included with applicator.

Tooling (Continued)

Loose Form Terminal and Splice Tooling

CERTI-CRIMP Hand Tools



**Double Action
Hand Tool**



Heavy Head Hand Tool



**"C" Head Straight
Action Hand Tool
Part No. 69710-1**



**PRO-CRIMPER II
Hand Tool
Part No. 58433-3**



**T-HEAD Tool
Part No. 59250, 59275**

TETRA-CRIMP Hand Tool



Part No. 59824-1

Hydraulic Hand Tools



**Part No. 59974-1
(Dies Required)**

Tooling (Continued)

Pneumatic Tools



Part No. 69015



Part No. 69365 (Hand Actuation)
Part No. 69365-2 (Foot Actuation)

Crimping Heads



Part No.
58422-1
(408-9535)



Part No.
69066
(408-2453)



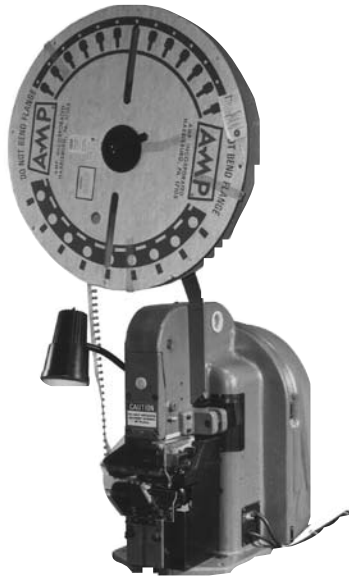
Part No.
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6-26 Tool



Tooling (Continued)

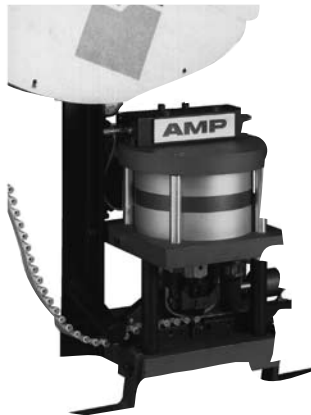
Tape Mounted



AMP-TAPETRONIC Machine
69875, 68250-1
(Requires Dies)



AMP-O-LECTRIC, Model "G" Machine
(Requires Applicator and Dies)



AUTO-PRO Machine 818380-1
(Requires Applicator and Dies)



AMPOMATOR CLS IV Machine
217500-1
(Requires Applicator and Dies)

Part Number Index

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53242	46	184265	34	322312	49	324165	45
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