AMP Standard Terminals and Splices

Tyco Electronics

Our commitment. Your advantage.

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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)	2.540000×10^{-2}
inch	centimeter (cm)	2.540000
foot	metre (m)	3.0480000×10^{-1}
pound-force	newton (N)	4.448222
bar	pascal (Pa)	1.000000×10^{5}
pound-force/inch^2	pascal (Pa)	6.894757×10^{3}
pound-mass	kilogram (kg)	4.535924×10^{-1}
ounce-mass	kilogram (kg)	2.834952×10^{-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 (mm^2)

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.

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1-800-522-6752

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- Catalogs
- Technical Documents
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Terminals and Splices

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South America: 54-11-4733-2015
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-8706-080208

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	—	—

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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

[1]Value is millivolt drop permitted after test plus equal length of wire.
[2]Value includes equal length of wire.

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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
U.S. Cust.	Metric		
#0		.060	.064
#1		.073	.077
#2	M2	.086	.090
#3		.099	.103
#4		.112	.116
#5	M3	.125	.129
#6	M3.5	.138	.142
#8	M4	.164	.168
#10		.190	.194
#12		.216	.220
#14		.242	.245
1/4″	M6	.250	.260
5/16″	M8	.312	.323
3/8″		.375	.385
7/16″		.437	.448
1/2″	M12	.500	.510

Stud Size		Stud Dia.	Minimum Terminal Hole Diameter
U.S. Cust.	Metric		
5/8″	M16	.625	.651
3/4″		.750	.776
7/8″	M22	.875	.901
1″		1.000	1.026
1 1/8″		1.125	1.151
1 1/4″		1.250	1.276

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PIDG Terminals and Splices

Product Facts

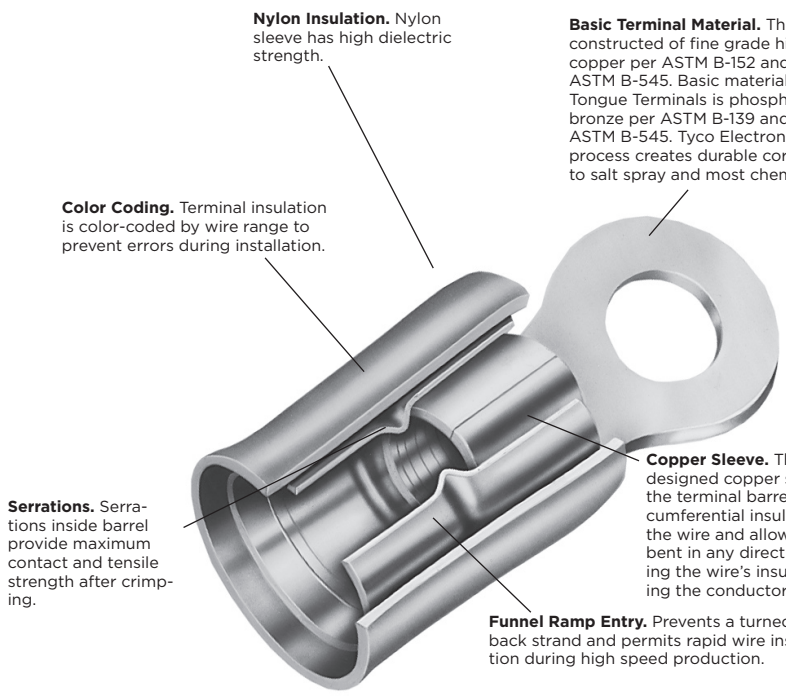
- Pre-insulated terminal designed for uniform reliability in most difficult circuit environments
- PIDG Terminals consist of tin plated copper or tin plated phosphor bronze body for spring spades with a copper sleeve and insulation sleeve fitted over terminal barrel
- Design of the tool dies and construction 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 understress 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
- Refer to AMP Qualified Products for Military Application, Catalog 73-159 for Military Specification Number to AMP Part Number cross reference



Temperature Rating: 105°C Max.

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

AMP PIDG Terminals (Use PIDG Tooling)

AMP Wire Range	UL LISTED	CSA LR7189 Certified
22-16	22-16 Solid or Stranded	
16-14	16-14 Solid or Stranded	300 V Max., 105°C. Max.[1]
12-10	12-10 Solid or Stranded	

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

[1]UL & CSA — Nylon

AMP PIDG Nylon Butt Window Splice (Use PIDG Tooling)

AMP Wire Range	UL LISTED	CSA LR7189 Certified
22-16	22-16 Stranded or Solid	
16-14	16-14 Stranded or Solid	300 V Max., 105°C. Max.
12-10	12-10 Stranded or Solid	

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

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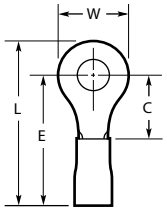
PIDG Terminals and Splices (Continued)

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 [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions W	C Min.	E Max.	L Max.	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers 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.

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PIDG Terminals and Splices (Continued)

Ring Tongue Terminals

(Continued)

Wire Size Circular Mils [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions W	C Min.	E Max.	L Max.	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers Loose Piece	Part Numbers 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
		2 M2	**.182** 4.62	**.172** 4.37	**.576** 14.63	**.669** 16.99	Red	**.125** 3.18	324158	2-324158-1
			.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
		6 M3.5	**.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
			.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
		8 M4	**.281** 7.14	**.250** 6.35	**.654** 16.61	**.797** 20.24	Red	**.125** 3.18	320554*	2-320554-1
			.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
		10	**.281** 7.14	**.250** 6.35	**.654** 16.61	**.797** 20.24	Red	**.125** 3.18	320552*	2-320552-1
			.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.

[1]Slightly 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.

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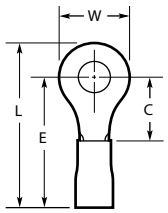
(Continued)



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 [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions W	C Min.	E Max.	L Max.	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers Loose Piece	Part Numbers 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	—
16-14 2,050-5,180 [1.04-2.62]	**.033** 0.84	2 M2	**.180** 4.57	**.171** 4.34	**.575** 14.61	**.668** 16.97	Blue	**.170** 4.32	324993	—
		4	**.250** 6.35	**.171** 4.34	**.575** 14.61	**.703** 17.86	Blue	**.150** 3.81	324159*	2-324159-2
			.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	—
		6 M3.5	**.250** 6.35	**.171** 4.34	**.575** 14.61	**.703** 17.86	Blue	**.150** 3.81	320561*	2-320561-2
			.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

*Available in small packaging quantities.

[1]Heavy duty for extra mechanical strength.

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

Catalog 82042
Revised 07-08

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USA: 1-800-522-6752
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South America: 54-11-4733-2015
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-8706-080208

PIDG Terminals and Splices (Continued)

Ring Tongue Terminals
(Continued)

Wire Size Circular Mils [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions W	C Min.	E Max.	L Max.	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers Loose Piece	Part Numbers 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	—
		1/4 M6	**.500** 12.70	**.344** 8.74	**.935** 23.75	**1.188** 30.18	Yellow/Blk.	**.230** 5.84	34974*	2-34974-1
			.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.

[1]Heavy duty for extra mechanical strength.

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

Catalog 82042
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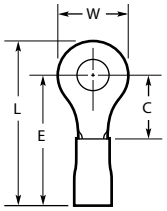
PIDG Terminals and Splices (Continued)

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 [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions W	C Min.	E Max.	L Max.	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers Loose Piece	Part Numbers 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	—
12-10 5,180-13,100 [2.62-6.64]	**.042** 1.07	4	**.281** 7.14	**.219** 5.56	**.810** 20.57	**.953** 24.21	Yellow	**.250** 6.35	35148*	1-35148-1
		6 M3.5	**.281** 7.14	**.219** 5.56	**.810** 20.57	**.953** 24.21	Yellow	**.230** 5.84	320634*	2-320634-1
			.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
		8 M4	**.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*	—
			.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
		10	**.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
			.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	—
		1/4 M6	**.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.

[1]Heavy duty for extra mechanical strength.

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

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

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

Catalog 82042
Revised 07-08

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PIDG Terminals and Splices (Continued)

Ring Tongue Terminals
(Continued)

Wire Size Circular Mils [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions W	C Min.	E Max.	L Max.	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers Loose Piece	Part Numbers 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[†]
		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	—
		1/2 M12	**.715** 18.16	**.474** 12.04	**1.065** 27.05	**1.414** 35.92	Yellow	**.230** 5.84	52077	—
			.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.

[†]Vinyl insulation material

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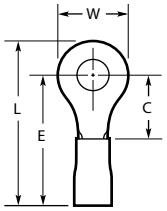
Japan: 81-44-844-8013
UK: 44-8706-080208

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 Mils [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions W	C Min.	E Max.	L Max.	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers Loose Piece	Part Numbers 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	—
		8 M4	**.312** 7.92	**.281** 7.14	**.685** 17.40	**.844** 21.44	Red	**.125** 3.18	31888	—
			.312 7.92	**.281** 7.14	**.685** 17.40	**.844** 21.44	Red	**.125** 3.18	2-31888-1[2]	—
		10	**.281** 7.14	**.250** 6.35	**.654** 16.61	**.797** 20.24	Red	**.125** 3.18	31884	—
			.312 7.92	**.281** 7.14	**.685** 17.40	**.844** 21.44	Red	**.140** 3.56	31891	—
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	—	2-322238-1
			.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	—
16-14HD[1] 2,050-5,180 [1.04-2.62]	**.050** 1.27	10	**.343** 8.71	**.281** 7.14	**.961** 24.41	**1.135** 28.83	Yellow/Blk.	**.300** 7.62	35363*	—
		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	—
12-10 5,180-13,100 [2.62-6.64]	**.042** 1.07	6 M3.5	**.375** 9.53	**.302** 7.67	**.982** 24.94	**1.172** 29.77	Yellow	**.300** 7.62	35604	—
		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.

[1]Heavy duty for extra mechanical strength.

[2]Terminal 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.

Catalog 82042
Revised 07-08

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C. America: 52-55-5-729-0425

South America: 54-11-4733-2015
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
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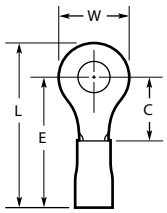
PIDG Terminals and Splices (Continued)

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 [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions W	C Min.	E Max.	L Max.	Terminal Insulation Color Solid/Stripe	Wire Insulation Diameter Range	Part Numbers Loose Piece	Part Numbers 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†
22 754 [0.38]	.033 0.84	2 M2	.182 4.62	.172 4.37	.638 16.21	.731 18.57	Red/Green	.038-.110 0.97-2.79	52307	—
		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.

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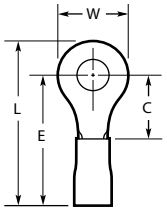
PIDG Terminals and Splices (Continued)

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 [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions W	C Min.	E Max.	L Max.	Terminal Insulation Color Solid/Stripe	Wire Insulation Diameter Range	Part Numbers Loose Piece	Part Numbers 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*	—
			.250 6.35	.250 6.35	.716 18.19	.844 21.44	Red/Red	.046-.110 1.17-2.79	51863-3	51863-6
		8 M4	.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
		10	.312 7.92	.281 7.14	.747 18.97	.906 23.01	Red/Red	.046-.110 1.17-2.79	2-36153-4*	—
		1/4 M6	.469 11.91	.437 11.10	.903 22.94	1.140 28.96	Red/Red	.046-.110 1.17-2.79	2-320571-4	—
		5/16 M8	.469 11.91	.437 11.10	.903 22.94	1.140 28.96	Red/Red	.046-.110 1.17-2.79	2-320572-3	—
		3/8	.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*	—
			.250 6.35	.250 6.35	.716 18.19	.844 21.44	Red/White	.056-.110 1.42-2.79	51863-4*	51863-7
		8 M4	.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
		10	.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
		1/4 M6	.469 11.91	.437 11.10	.903 22.94	1.140 28.96	Red/White	.056-.110 1.42-2.79	2-320571-5	—
		5/16 M8	.469 11.91	.437 11.10	.903 22.94	1.140 28.96	Red/White	.056-.110 1.42-2.79	2-320572-4	2-320574-7
		3/8	.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	—
16 2,800 [1.42]	.033 0.84	4	.250 6.35	.171 4.34	.637 16.18	.765 19.43	Blue/Blue	.063-.130 1.60-3.30	52274	—
		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
			.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
		8 M4	.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
		10	.312 7.92	.281 7.14	.747 18.97	.906 23.01	Blue/Blue	.063-.130 1.60-3.30	51864-7*	—
		1/4 M6	.469 11.91	.437 11.10	.903 22.94	1.140 28.96	Blue/Blue	.063-.130 1.60-3.30	2-320563-3	—
		5/16 M8	.469 11.91	.437 11.10	.903 22.94	1.140 28.96	Blue/Blue	.063-.130 1.60-3.30	2-320575-2	—
		3/8	.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.

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PIDG Terminals and Splices (Continued)

Ring Tongue Terminals
(Insulation Restricting)

(Continued)

Wire Size Circular Mils [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions W	Dimensions C Min.	Dimensions E Max.	Dimensions L Max.	Terminal Insulation Color Solid/Stripe	Wire Insulation Diameter Range	Part Numbers Loose Piece	Part Numbers 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 M3.5	.250 6.35	.171 4.34	.637 16.18	.765 19.43	Blue/Green	.078-.130 1.98-3.30	2-320561-4	—
			.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 M4	.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
		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 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 M8	.469 11.91	.437 11.10	.903 22.94	1.140 28.96	Blue/Green	.078-.130 1.98-3.30	2-320575-3	—
		3/8	.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	—
		1/2 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	—
12 6,654 [3.37]	.042 1.07	6 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 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*	—
		1/4 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 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 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	—
10 12,066 [6.11]	.042 1.07	6 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 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
		1/4 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 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 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	—

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

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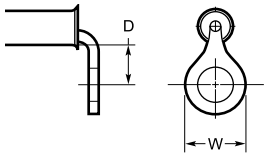
PIDG Terminals and Splices (Continued)

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

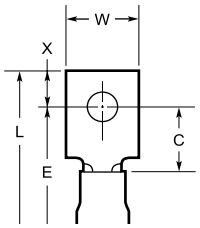
Performance Specifications -pgs. 4 & 5

Application Tooling-pg. 66

	Wire Size Cicular Mils [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions W	Dimensions D Min.	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Number Loose Piece
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 [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions W	C Min.	E Max.	L Max.	X	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers Loose Piece	Part Numbers 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	—
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	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
			.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
		8 M4	**.302** 7.67	**.465** 11.81	**.872** 22.15	**1.109** 28.17	**.227** 5.77	Red	**.140** 3.56	327944*	2-327944-2
			.390 9.91	**.621** 15.77	**1.039** 26.39	**1.359** 34.52	**.310** 7.87	Red	**.140** 3.56	327932	—
		10	**.312** 7.92	**.281** 7.14	**.685** 17.40	**.893** 22.68	**.203** 5.16	Red	**.140** 3.56	320209*	—
16-14 2,050-5,180 [1.04-2.62]	**.033** 0.84	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	—

*Available in small packaging quantities.

[1]Insulation - Vinyl

[2]Terminal Body - Brass per MIL-C-50.

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

Catalog 82042
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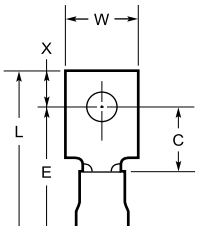
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-8706-080208

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 [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions W	C Min.	E Max.	L Max.	X	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers 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	—
12-10 5,180-13,100 [2.62-6.64]	**.042** 1.07	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	—
		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.

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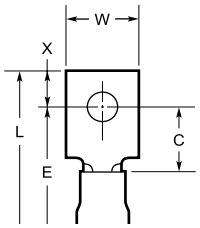
PIDG Terminals and Splices (Continued)

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

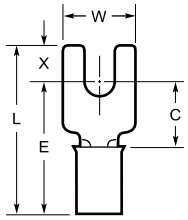
Performance Specifications -pgs. 4 & 5

Application Tooling-pg. 66

Wire Size Circular Mils [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions W	C Min.	E Max.	L Max.	X	Terminal Insulation Color Solid/Stripe	Wire Insulation Diameter Range	Part Numbers 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 W	C Min.	E Max.	L Max.	X	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers Loose Piece	Part Numbers 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
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	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	—
			.344 8.74	**.218** 5.54	**.622** 15.80	**.783** 19.89	**.156** 3.96	Red	**.140** 3.56	32404	2-32404-1
		8 M4	**.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
		10	**.375** 9.53	**.312** 7.92	**.716** 18.19	**.908** 23.06	**.187** 4.75	Red	**.125** 3.18	32051*	2-32051-1
			.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.

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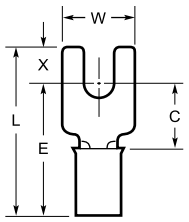
PIDG Terminals and Splices (Continued)

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 [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions W	C Min.	E Max.	L Max.	X	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers 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
			.385 9.78	**.312** 7.92	**.716** 18.19	**.908** 23.06	**.187** 4.75	Blue	**.170** 4.32	32059*	2-32059-1
		10	**.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
12-10 5,180-13,100 [2.62-6.64]	**.042** 1.07	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
		8 M4	**.312** 7.92	**.468** 11.89	**1.059** 26.90	**1.314** 33.38	**.250** 6.35	Yellow	**.230** 5.84	325197	—
			.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
		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

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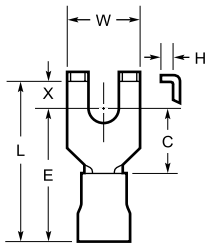
PIDG Terminals and Splices (Continued)

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 Mils [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions W	C Min.	E Max.	L Max.	X	H Min.	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers 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
		8 M4	**.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
			.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

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

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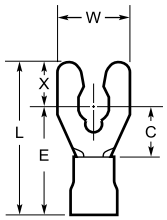
Mexico: 01-800-733-8926
C. America: 52-55-5-729-0425

South America: 54-11-4733-2015
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-8706-080208

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 [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions W	C Min.	E Max.	L Max.	X	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers Loose Piece	Part Numbers 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	—
12-10 5,180-13,100 [2.62-6.64]	**.042** 1.07	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
		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.

Catalog 82042
Revised 07-08

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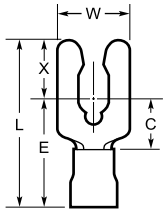
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-8706-080208

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 [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions W	C Min.	E Max.	L Max.	X	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers Loose Piece	Part Numbers 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
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	**.150** 3.81	52420*	52420-2
			.250 6.35	**.238** 6.05	**.652** 16.56	**.933** 23.70	**.276** 7.01	Blue	**.170** 4.32	52420-1*	52420-3
		8 M4	**.281** 7.14	**.270** 6.86	**.684** 17.37	**.979** 24.87	**.290** 7.37	Blue	**.150** 3.81	52421*	—
			.281 7.14	**.270** 6.86	**.684** 17.37	**.979** 24.87	**.290** 7.37	Blue	**.170** 4.32	52421-1*	52421-3
		10	**.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
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	**.230** 5.84	52430	52430-2
			.312 7.92	**.242** 6.15	**.843** 21.41	**1.131** 28.73	**.283** 7.19	Yellow	**.250** 6.35	52430-1	52430-3
		8 M4	**.375** 9.53	**.273** 6.93	**.874** 22.20	**1.174** 29.82	**.295** 7.49	Yellow	**.250** 6.35	52431-1	52431-3
		10	**.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	—

*Available in small packaging quantities.

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

Catalog 82042
Revised 07-08

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USA: 1-800-522-6752
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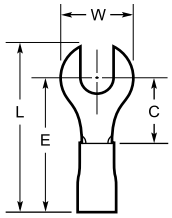
South America: 54-11-4733-2015
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-8706-080208

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

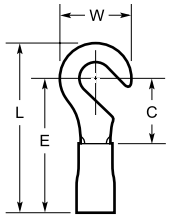
Wire Size Circular Mils [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions W	C Min.	E Max.	L Max.	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers Loose Piece	Part Numbers Tape Mounted
26-22 202-810 [0.10-0.41]	**.020** 0.51	6 M3.5	**.250** 6.35	**.281** 7.14	**.612** 15.54	**.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.

[1]Insulation — 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 Mils [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions W	C Min.	E Max.	L Max.	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers Loose Piece	Part Numbers Tape Mounted
22-16 509-3,260 [0.26-1.65]	0.84 **.033**	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.

[1]Insulation — Vinyl.

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

Catalog 82042
Revised 07-08

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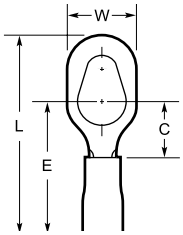
South America: 54-11-4733-2015
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-8706-080208

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

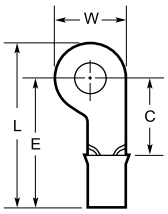
Application Tooling-pg. 66

Wire Size Circular Mils [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions W	Dimensions C Min.	Dimensions E Max.	Dimensions L Max.	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers Loose Piece	Part Numbers 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 [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions W	Dimensions C Min.	Dimensions E Max.	Dimensions L Max.	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers 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.

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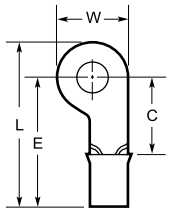
UK: 44-8706-080208

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 [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions W	Dimensions C Min.	Dimensions E Max.	Dimensions L Max.	Terminal Insulation Color Solid/Stripe	Wire Insulation Diameter Range	Part Numbers 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.

Catalog 82042
Revised 07-08

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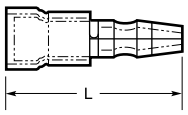
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-8706-080208

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

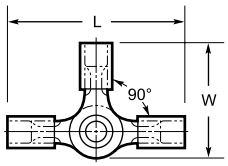
Performance Specifications -pgs. 4 & 5

Application Tooling-pg. 66

Wire Size Circular Mils [mm²]	Dimension L Max.	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers Loose Piece	Part Numbers 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 [mm²]	Tongue Material Thickness Max.	Dimensions W Max.	Dimensions L Max.	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Number 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.

Catalog 82042
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Japan: 81-44-844-8013
UK: 44-8706-080208

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

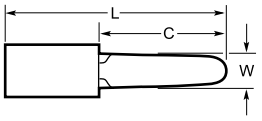
Related Product Data

Insulation Color Code -pg. 4

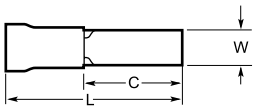
Packaging Quantities -pg. 4

Performance Specifications -pgs. 4 & 5

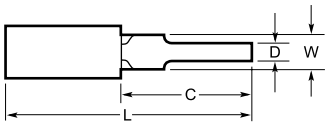
Application Tooling-pg. 66



Style A



Style B



Style C

Wire Size Circular Mils [mm²]	Tongue Material Thickness Max.	Style	Dimensions W	C Min.	L Max.	D	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers 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.

Catalog 82042
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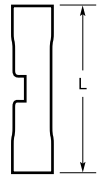
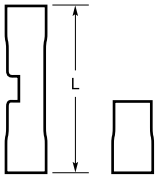
PIDG Terminals and Splices (Continued)

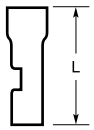
Butt Splices



Standard and Radiation Resistant



Step Down Assembly[1]



Special

Material

Insulation Sleeve - Standard, Step Down Assembly and Special – Nylon Radiation Resistant – Polyvinylidene Fluoride (PVF_2)

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] [mm²]	Style	Dimension L Max.	Splice Insulation Color	Wire Insulation Diameter Max.	Part Numbers Loose Piece	Part Numbers 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†
16-14 2,050-5,180 [1.04-2.62] to 22-18 509-1,900 [0.26-0.96]	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] to 22-18 509-1,900 [0.26-0.96]		**1.656** 42.06	Yellow	**.220/.140** 5.59/3.56	327639	—
12-10 5,180-13,100 [2.62-6.64] to 16-14 2,050-5,180 [1.04-2.62]		**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.

[1]Includes adapter insert.

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

[3]26-24 range in accordance with MIL-T-7928.

[4]22-16 splices are 22-18 range in accordance with MIL-T-7928.

[5]12-10 butt splice, threaded 8-32 one end.

†AMP-TAPETRONIC machine tools only.

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PIDG Terminals and Splices (Continued)

Butt Splice Step Down Adapter Inserts[1]

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

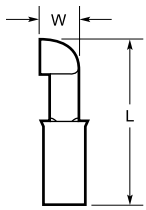
Application Tooling-pg. 66

Butt Splice		Adapter Insert			
Wire Size Circular Mils [mm²]	**Part No.**	**Wire Size Circular Mils [mm²]**	**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 [mm²]	**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 understress 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

Temperature Rating: 105°C Max.

AMP PIDG FASTON Terminals (Use TETRA-CRIMP Tooling)

AMP Wire Range	Component Recognized File E 66717	LR 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

Component Recognized File E 66717	105°C Max. (Vinyl)	LR 7189 Certified	105°C Max. (Vinyl)
AMP Part No. 1-321235-0 1-321235-1	600 V Max.	AMP Part No. 1-321235-0 1-321235-1	300 V Max.
321235 321688	300 V Max.	321235 321688	300 V Max.

[1]UL & CSA — Nylon except where noted

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PIDG FASTON Terminals and Splices (Continued)

Receptacles

Receptacle Style:

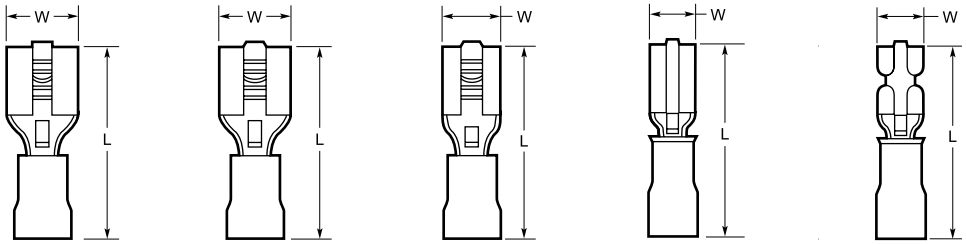
A - No dimple with wire stop
B - Dimple with wire stop
C - No dimple, no wire stop

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



.250 Series | .205 Series | .187 Series | .110 Series- Standard | .110 Series- Low Insertion

Series	Wire Size Circular Mils [mm²]	Style	Dimensions W Nom.	Dimensions L Max.	Terminal Insulation Color	Wire Insulation Diameter Max.	Recept. Matl.	Stock Thk.	Fits Tab Thk.	Part Numbers Loose Piece	Part Numbers Tape Mounted	Part Numbers 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
	14-12 3,831-6,470[1] [1.94-3.28]	B	**.300** 7.62	**1.012** 25.70	Green	**.250** 6.35	Brass	**.018** 0.46	**.032** 0.81	42844-1*†	42844-3†	60544-3†
			.300 7.62	**1.012** 25.70	Green	**.250** 6.35	Phos. Brz.	**.018** 0.46	**.032** 0.81	42844-2*†	—	—
	12-10 5,180-13,100 [2.62-6.64]	B	**.300** 7.62	**1.012** 25.70	Yellow	**.250** 6.35	Brass	**.018** 0.46	**.032** 0.81	640907-1*	640907-2	640906-1
			.300 7.62	**1.012** 25.70	Yellow	**.250** 6.35	Phos. Brz.	**.018** 0.46	**.032** 0.81	61198-2	61198-4	—
.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
	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†	—

†Not UL or CSA approved or listed.
*Available in small packaging quantities.
[1]Wire range is limited as noted.
[2]Unplated receptacle body.

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Japan: 81-44-844-8013
UK: 44-8706-080208

PIDG FASTON Terminals and Splices (Continued)

Reseptacles

(Continued)

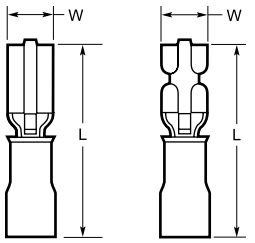
Series	Wire Size Circular Mils [mm²]	Style	Dimensions W Nom.	Dimensions L Max.	Terminal Insulation Color	Wire Insulation Diameter Max.	Recept. Matl.	Stock Thk.	Fits Tab Thk.	Part Numbers Loose Piece	Part Numbers Tape Mounted	Part Numbers Strip Form
.187	16-14 2,050-5,180 [1.04-2.62]	B	**.230** 5.84	**.800** 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
	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
.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†	—
	22-18 509-1,900 [0.26-0.96]	A	**.160** 4.06	**.796** 20.22	Red	**.140** 3.56	Brass	**.016** 0.41	**.012** 0.30	—	—	350871-1†
			.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
	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)



.110 Series- Standard

.110 Series- Low Insertion

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 [mm²]	Style	Dimensions W Nom.	Dimensions L Max.	Terminal Insulation Color Solid / Stripe	Wire Insulation Diameter Range	Recept. Matl.	Stock Thk.	Fits Tab Thk.	Part Numbers Loose Piece	Part Numbers Tape Mounted	Part Numbers 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	—

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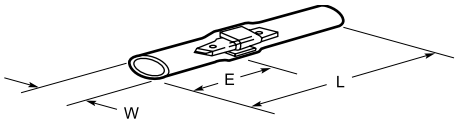
PIDG FASTON Terminals and Splices (Continued)

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

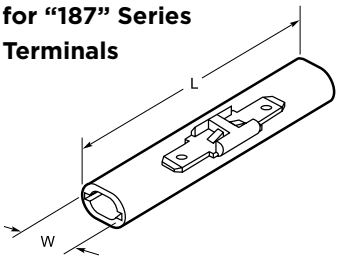
Wire Size	Plating	Dimensions W	Dimensions L Max.	Dimensions E Min.	Part Numbers Loose Piece
22-10	Unplated	**.391** 9.93	**2.093** 53.16	**.860** 21.84	321235*
	Tin	**.391** 9.93	**2.093** 53.16	**.860** 21.84	321688
	Unplated	**.409** 10.39	**2.625** 66.68	**1.151** 29.24	1-321235-0
	Tin	**.409** 10.39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

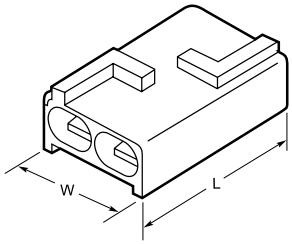
[1]Oval expansion at end opposite "w". (.380 x .320 inside diameter.)

[2]E 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 W	Dimensions L	Temperature Rating	Part Numbers Loose Piece
Single	Natural	**.345** 8.76	**1.750** 44.45	—	360035-1[†]
Dual	Natural	**.650** 16.51	**1.750** 44.45	105°C	360025-1[†]
Dual	Black	**.650** 16.51	**1.750** 44.45	150°C	360025-2[†]

[†]UL File E66717
600 V Max

Receptacle (Low Insertion Force)

Series	Wire Size Circular Mils [mm²]	Dimensions W Nom.	Dimensions L Max.	Terminal Insulation Color	Wire Insulation Diameter Max.	Recept. Matl.	Stock Thk.	Fits Tab Thk.	Part Numbers Loose Piece	Part Numbers Tape Mounted	Part Numbers 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

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Japan: 81-44-844-8013
UK: 44-8706-080208

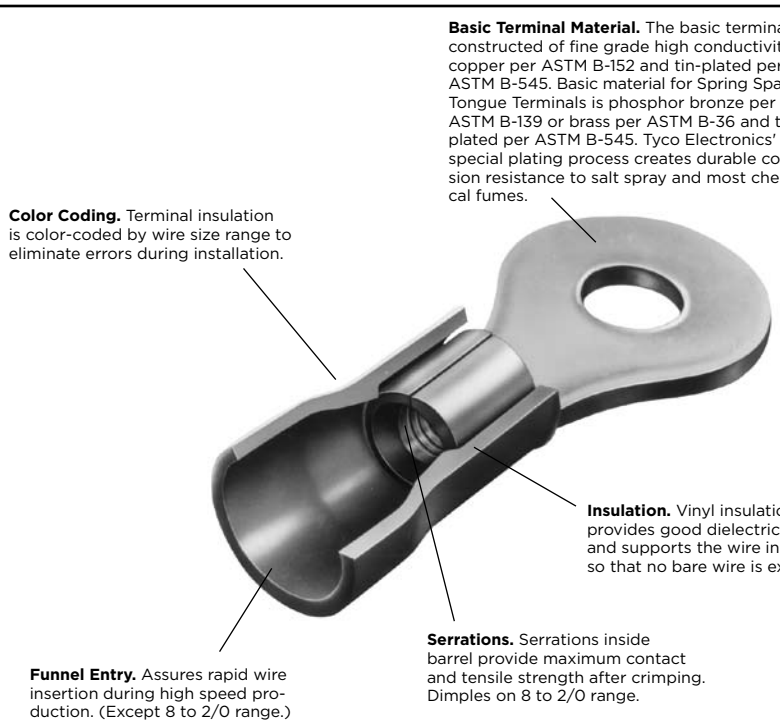
PLASTI-GRIP Terminals and Splices

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



Temperature Rating: 90°C Max.

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

AMP Wire Range	Listed	LR 7189 Certified	8 thru 4/0 600V
	Except as noted with individual part number listing.		
22-16	Terminals, Butt & Parallel Splices 22-16 Solid or Stranded[1]	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.

[1]Stranded wire only using TETRA-CRIMP tooling.

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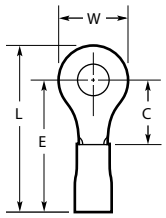
PLASTI-GRIP Terminals and Splices (Continued)

Ring Tongue Terminals



A

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	Style	Dimensions W	C Min.	E Max.	L Max.	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers Loose Piece	Part Numbers 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
		4	A	**.218** 5.54	**.156** 3.96	**.572** 14.53	**.684** 17.37	Red	**.125** 3.18	32944*	2-32944-1
				.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
		6 M3.5	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
				.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
				.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
				.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
		8 M4	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
				.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
				.312 7.92	**.281** 7.14	**.746** 18.95	**.905** 22.99	Red	**.200** 5.08	—	2-34148-4
		10	A	**.281** 7.14	**.250** 6.35	**.666** 16.92	**.809** 20.55	Red	**.125** 3.18	32949*	2-32949-1
				.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
				.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
				.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
		1/4 M6	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
				.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.

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PLASTI-GRIP Terminals and Splices (Continued)

Ring Tongue Terminals

(Continued)

Wire Size Circular Mils [mm²]	Tongue Material Thickness Max.	Stud Size	Style	Dimensions W	C Min.	E Max.	L Max.	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers Loose Piece	Part Numbers 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
16-14 2,050-5,180 [1.04-2.62]	**.033** 0.84	4	A	**.250** 6.35	**.171** 4.34	**.587** 14.91	**.715** 18.16	Blue	**.170** 4.32	34157*	2-34157-1
		6 M3.5	A	**.250** 6.35	**.171** 4.34	**.587** 14.91	**.715** 18.16	Blue	**.145** 3.68	32957*	2-32957-1
				.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
		8 M4	A	**.312** 7.92	**.250** 6.35	**.666** 16.92	**.825** 20.96	Blue	**.170** 4.32	328527*	2-328527-1
				.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
		10	A	**.343** 8.71	**.281** 7.14	**.697** 17.70	**.871** 22.12	Blue	**.145** 3.68	32960*	2-32960-1
				.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
16-14HD[1] 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.

[1]Heavy Duty for extra mechanical strength.

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

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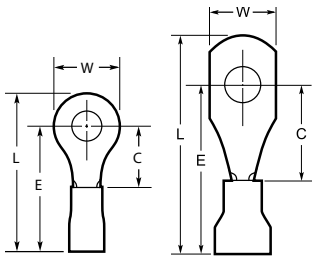
PLASTI-GRIP Terminals and Splices (Continued)

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 [mm²]	Tongue Material Thickness Max.	Stud Size	Style	Dimensions W	C Min.	E Max.	L Max.	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers Loose Piece	Part Numbers 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 12-10	—	1-330518-2
				.375 9.53	**.302** 7.67	**.893** 22.68	**1.083** 27.51	Black	**.250** 6.35	—	2-328261-1
				.375 9.53	**.302** 7.67	**.893** 22.68	**1.098** 27.89	Yellow	**.230** 5.84	34170*	2-34170-1
				.375 9.53	**.302** 7.67	**.893** 22.68	**1.098** 27.89	Yellow	**.250** 6.35	34854*	2-34854-1
		1/4 M6	E	**.400** 10.16	**.468** 11.89	**1.118** 28.40	**1.373** 34.87	Yellow	**.300** 7.62	55678-1	55678-2
			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. [1]Heavy Duty for extra mechanical strength.

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

Catalog 82042
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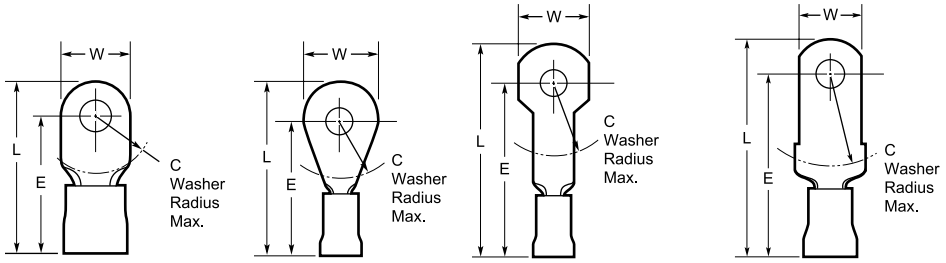
PLASTI-GRIP Terminals and Splices (Continued)

Ring Tongue Terminals

(Continued)



Wire Size Circular Mils [mm²]	Tongue Material Thickness Max.	Stud Size	Style	Dimensions W	Dimensions C	Dimensions E Max.	Dimensions L Max.	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers Loose Piece	Part Numbers 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
		10	D	**.430** 10.92	**.437** 11.10	**1.363** 34.62	**1.605** 40.77	Red	**.360** 9.14	—	54351-2
			B	**.431** 10.95	**.437** 11.10	**1.338** 33.99	**1.556** 39.52	Red	**.360** 9.14	52263	52263-2
				.431 10.95	**.437** 11.10	**1.338** 33.99	**1.556** 39.52	Red	**.390** 9.91	52263-5	52263-4
				.431 10.95	**.437** 11.10	**1.358** 34.49	**1.576** 40.03	Red	**.330** 8.38	52263-1	52263-3
		1/4 M6	C	**.431** 10.95	**.437** 11.10	**1.303** 33.10	**1.561** 39.65	Red	**.360** 9.14	55621-1	55621-2
				.478 12.14	**.437** 11.10	**1.344** 34.14	**1.586** 40.28	Red	**.360** 9.14	52041-1	52041-7
				.478 12.14	**.437** 11.10	**1.358** 34.49	**1.600** 40.64	Red	**.330** 8.38	52041-3*	52041-9
		5/16 M8	C	**.587** 14.91	**.500** 12.70	**1.400** 35.56	**1.696** 43.08	Red	**.360** 9.14	52291*	52291-4
		3/8	C	**.587** 14.91	**.500** 12.70	**1.400** 35.56	**1.696** 43.08	Red	**.360** 9.14	52291-1*	52291-5
		1/2 M12	A	**.875** 22.23	**.625** 15.88	**1.420** 36.07	**1.860** 47.24	Red	**.330** 8.38	52262-1	—
6 20,800-33,100 [10.5-16.8]	**.048** 1.22	8 M4	C	**.500** 12.70	**.515** 13.08	**1.591** 40.41	**1.844** 46.84	Blue	**.436** 11.07	52042	—
				.500 12.70	**.515** 13.08	**1.591** 40.41	**1.869** 47.47	Blue	**.360** 9.14	52042-2	—
		10	B	**.468** 11.89	**.421** 10.69	**1.482** 37.64	**1.719** 43.66	Blue	**.360** 9.14	—	52265-4
				.468 11.89	**.421** 10.69	**1.482** 37.64	**1.719** 43.66	Blue	**.436** 11.07	52265*	52265-3
			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).

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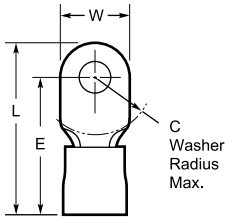
PLASTI-GRIP Terminals and Splices (Continued)

Ring Tongue Terminals
(Continued)



B

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 [mm²]	Tongue Material Thickness Max.	Stud Size	Style	Dimensions W	C	E Max.	L Max.	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers 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	B	**.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
				.546 13.87	**.531** 13.49	**1.672** 42.47	**1.948** 49.48	Yellow	**.515** 13.08	52043-1	52043-5
		5/16 M8	B	**.679** 17.25	**.531** 13.49	**1.672** 42.47	**2.014** 51.16	Yellow	**.450** 11.43	52266-3	52266-9
				.679 17.25	**.531** 13.49	**1.672** 42.47	**2.014** 51.16	Yellow	**.515** 13.08	52266	—
		3/8	B	**.679** 17.25	**.531** 13.49	**1.672** 42.47	**2.014** 51.16	Yellow	**.450** 11.43	52266-4*	1-52266-0
				.679 17.25	**.531** 13.49	**1.672** 42.47	**2.014** 51.16	Yellow	**.515** 13.08	52266-1	—
2 52,600-83,700 [26.7-42.4]	**.060** 1.52	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	—
		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	—
1/0 83,700-119,500 [42.4-60.6]	**.073** 1.85	5/16 M8	B	**.807** 20.50	**.625** 15.88	**2.041** 51.84	**2.447** 62.15	Blue	**.684** 17.37	52045-1	—
		3/8	B	**.807** 20.50	**.625** 15.88	**2.041** 51.84	**2.447** 62.15	Blue	**.665** 16.89	52045-5	—
				.807 20.50	**.625** 15.88	**2.041** 51.84	**2.447** 62.15	Blue	**.684** 17.37	52045-2	—
		1/2 M12	B	**.875** 22.23	**.625** 15.88	**2.041** 51.84	**2.478** 62.94	Blue	**.684** 17.37	52289	—
2/0 119,500-150,500 [60.6-76.3]	**.083** 2.11	5/16 M8	B	**.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.

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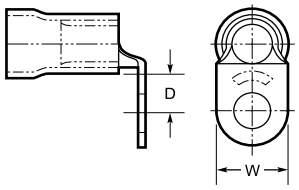
PLASTI-GRIP Terminals and Splices (Continued)

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

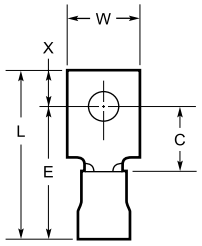
Packaging Quantities -pg. 4

Performance Specifications -pgs. 4 & 5

Application Tooling -pg. 67

Wire Size Circular Mils [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions W	Dimensions D Min.	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers 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 [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions W	Dimensions C Min.	Dimensions E Max.	Dimensions L Max.	Dimensions X	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers Loose Piece	Part Numbers 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.

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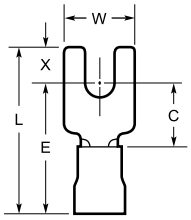
PLASTI-GRIP Terminals and Splices (Continued)

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 W	C Min.	E Max.	L Max.	X	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers 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†	—
		6 M3.5	**.297** 7.54	**.203** 5.16	**.619** 15.72	**.765** 19.43	**.141** 3.58	Blue	**.145** 3.68	322994*	2-322994-1
			.297 7.54	**.203** 5.16	**.619** 15.72	**.765** 19.43	**.141** 3.58	Blue	**.170** 4.32	54367-1	54367-2
			.385 9.78	**.312** 7.92	**.728** 18.49	**.920** 23.37	**.187** 4.75	Blue	**.170** 4.32	34165*	—
		8 M4	**.297** 7.54	**.203** 5.16	**.619** 15.72	**.765** 19.43	**.141** 3.58	Blue	**.170** 4.32	326741	2-326741-1
			.307 7.80	**.245** 6.22	**.661** 16.79	**.836** 21.23	**.175** 4.45	Blue	**.170** 4.32	696024-1	696024-2
			.385 9.78	**.312** 7.92	**.728** 18.49	**.920** 23.37	**.187** 4.75	Blue	**.170** 4.32	34166*	2-34166-1
		10	**.385** 9.78	**.312** 7.92	**.728** 18.49	**.920** 23.37	**.187** 4.75	Blue	**.170** 4.32	34167*	2-34167-1
12-10 5,180-13,100 [2.62-6.64]	**.042** 1.07	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.

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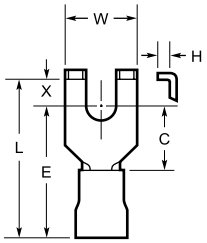
PLASTI-GRIP Terminals and Splices (Continued)

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 [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
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
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	324165*	2-324165-1
			.294 7.47	**.203** 5.16	**.668** 16.97	**.798** 20.27	**.125** 3.18	**.047** 1.19	Blue	**.250** 6.35	—	2-324165-4
		8 M4	**.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
			.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
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	324581*	1-324581-1
		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.

Catalog 82042
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Dimensions are in millimeters and inches unless otherwise specified. Values in brackets are equivalent U.S. Customary Units.

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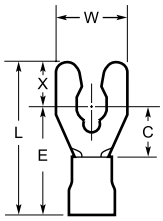
USA: 1-800-522-6752
Canada: 1-905-470-4425
Mexico: 01-800-733-8926
C. America: 52-55-5-729-0425

South America: 54-11-4733-2015
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-8706-080208

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 [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions W	C Min.	E Max.	L Max.	X	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers Loose Piece	Part Numbers Tape Mounted
24-20 320-1,290 [0.16-0.65]	**.025** 0.64	4	**.203** 5.16	**.219** 5.56	**.624** 15.85	**.744** 18.90	**.115** 2.92	White	**.125** 3.18	—	53829-2
22-16 509-3,260 [0.26-1.65]	**.033** 0.84	4	**.203** 5.16	**.250** 6.35	**.666** 16.92	**.811** 20.60	**.140** 3.56	Red	**.140** 3.56	52947*	52947-1
		5 M3	**.250** 6.35	**.250** 6.35	**.666** 16.92	**.811** 20.60	**.140** 3.56	Red	**.140** 3.56	52948*	52948-1
		6 M3.5	**.234** 5.94	**.250** 6.35	**.666** 16.92	**.811** 20.60	**.140** 3.56	Red	**.140** 3.56	53240-1*	53240-2
			.250 6.35	**.250** 6.35	**.666** 16.92	**.811** 20.60	**.140** 3.56	Red	**.140** 3.56	52949*	52949-1
			.250 6.35	**.250** 6.35	**.715** 18.16	**.860** 21.84	**.140** 3.56	Red	**.200** 5.08	52949-2	52949-3
		8 M4	**.244** 6.20	**.281** 7.14	**.697** 17.70	**.872** 22.15	**.170** 4.32	Red	**.140** 3.56	53241-1	53241-2
			.375 9.53	**.281** 7.14	**.697** 17.70	**.872** 22.15	**.170** 4.32	Red	**.140** 3.56	52950*	52950-1
			.375 9.53	**.281** 7.14	**.746** 18.95	**.921** 23.39	**.170** 4.32	Red	**.200** 5.08	52950-2	52950-3
		10	**.294** 7.47	**.281** 7.14	**.697** 17.70	**.920** 23.37	**.218** 5.54	Red	**.140** 3.56	53242-1*	53242-2
			.294 7.47	**.281** 7.14	**.746** 18.95	**.969** 24.61	**.218** 5.54	Red	**.200** 5.08	53242-5	53242-6
			.406 10.31	**.281** 7.14	**.697** 17.70	**.920** 23.37	**.218** 5.54	Red	**.140** 3.56	52951*	52951-1
			.406 10.31	**.281** 7.14	**.746** 18.95	**.969** 24.61	**.218** 5.54	Red	**.200** 5.08	—	52951-3
16-14 2,050-5,180 [1.04-2.62]	**.033** 0.84	6 M3.5	**.250** 6.35	**.250** 6.35	**.666** 16.92	**.811** 20.60	**.140** 3.56	Blue	**.170** 4.32	52955*	52955-1
			.250 6.35	**.250** 6.35	**.715** 18.16	**.860** 21.84	**.140** 3.56	Blue	**.250** 6.35	52955-2	52955-3
			.250 6.35	**.250** 6.35	**.715** 18.16	**.860** 21.84	**.140** 3.56	Blue	**.250** 6.35	52955-4[1]	—
		8 M4	**.244** 6.20	**.281** 7.14	**.697** 17.70	**.872** 22.15	**.170** 4.32	Blue	**.170** 4.32	53244-1*	53244-2
			.244 6.20	**.281** 7.14	**.746** 18.95	**.921** 23.39	**.170** 4.32	Blue	**.250** 6.35	—	53244-4
			.375 9.53	**.281** 7.14	**.697** 17.70	**.872** 22.15	**.170** 4.32	Blue	**.170** 4.32	52956*	52956-1
			.375 9.53	**.281** 7.14	**.746** 18.95	**.921** 23.39	**.170** 4.32	Blue	**.250** 6.35	52956-2*	52956-3
		10	**.294** 7.47	**.281** 7.14	**.697** 17.70	**.920** 23.37	**.218** 5.54	Blue	**.170** 4.32	53245-1	53245-2
			.294 7.47	**.281** 7.14	**.746** 18.95	**.969** 24.61	**.218** 5.54	Blue	**.250** 6.35	—	53245-6
			.406 10.31	**.281** 7.14	**.697** 17.70	**.920** 23.37	**.218** 5.54	Blue	**.170** 4.32	52957*	52957-1
			.406 10.31	**.281** 7.14	**.746** 18.95	**.969** 24.61	**.218** 5.54	Blue	**.250** 6.35	52957-2	52957-3

*Available in small packaging quantities.

[1]Terminal 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)

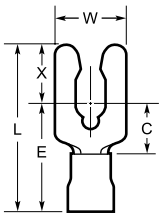
Wire Size Circular Mils [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions W	C Min.	E Max.	L Max.	X	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers Loose Piece	Part Numbers Tape Mounted
12-10 5,180-13,100 [2.62-6.64]	.042 1.07	6 M3.5	.250 6.35	.174 4.42	.775 19.69	.959 24.36	.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.

[1]Terminal 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 Mils [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions W	C Min.	E Max.	L Max.	X	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers Loose Piece	Part Numbers 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.

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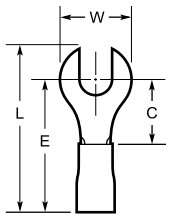
C. America: 52-55-5-729-0425

South America: 54-11-4733-2015
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-8706-080208

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

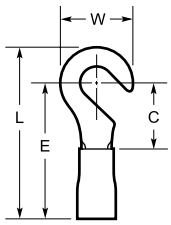
Performance Specifications -pgs. 4 & 5

Application Tooling-pg. 66

Wire Size Circular Mils [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions W	Dimensions C Min.	Dimensions E Max.	Dimensions L Max.	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers Loose Piece	Part Numbers 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

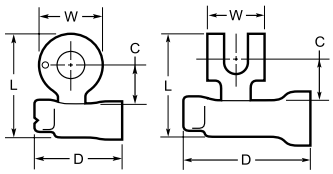
Application Tooling-pg. 66

Wire Size Circular Mils [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions W	Dimensions C Min.	Dimensions E Max.	Dimensions L Max.	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers Loose Piece	Part Numbers 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

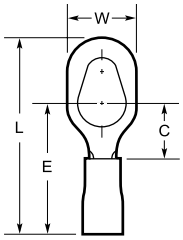
Performance Specifications -pgs. 4 & 5

Application Tooling-pg. 66

Wire Size Circular Mils [mm²]	Tongue Material Thickness Max.	Style	Stud Size	Dimensions W	Dimensions C Min.	Dimensions L Max.	Dimensions D Max.	Terminal Insulation Stripe Color	Wire Insulation Diameter Max.	Part Numbers 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

[1]Heavy 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 [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions W	Dimensions C Min.	Dimensions E Max.	Dimensions L Max.	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers Loose Piece	Part Numbers 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.

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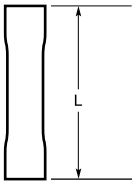
C. America: 52-55-5-729-0425

South America: 54-11-4733-2015
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-8706-080208

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] [mm²]	Dimension L Max.	Splice Insulation Color	Wire Insulation Diameter Max.	Part Numbers Loose Piece	Part Numbers 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]*	—
16-14 2,050-5,180 [1.04-2.62]	**.600** 15.24	Blue	—	55629-2	—
	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]†	—
	1.160 29.46	Yellow	**.138 x .281** 3.51 x 7.14	34205[3]*	—
8	**1.340** 34.04	Red	**.250** 6.35	696025-1	—
6	**1.530** 38.86	Blue	**.330** 8.38	696026-1	—

† Not UL or CSA Approved or Listed.

*Available in small packaging quantities.

[1]When using two or more wires in either end of a butt splice, the combined cross sectional area must be within the (CMA) circular mil range listed. (Not UL or CSA approved with use of multiple wires.)

[2]22-16 splices are 22-18 range in accordance with MIL-T-7928.

[3]Oval expansion.

[4]Funnel entry

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

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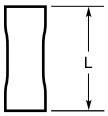
PLASTI-GRIP Terminals and Splices (Continued)

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] [mm²]	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*

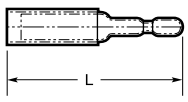
*Available in small packaging quantities.

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

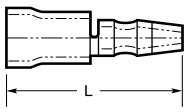
[2]Oval expansion.

Shur-Plug

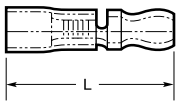
(.093, .156 and .180 Series)



.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 [mm²]	Tongue Material Thickness Max.	Series	Dimension L Max.	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers Loose Piece	Part Numbers Tape Mounted
22-16 509-3,260 [0.26-1.65]	—	.093	**.812** 20.62	Red	**.140** 3.56	34178	—
16-14 2,050-5,180 [1.04-2.62]	**.033** 0.84	.156	**.800** 20.32	Blue	**.170** 4.32	324227*†	1-324227-0
		.180	**.753** 19.13	Blue	**.170** 4.32	324228*†	—

† Not UL or CSA Approved or Listed.

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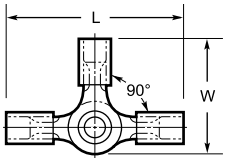
PLASTI-GRIP Terminals and Splices (Continued)

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

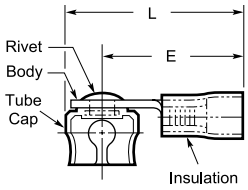
Related Product Data

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

Wire Size Circular Mils [mm²]	Tongue Material Thickness Max.	Dimensions W Max.	Dimensions L Max.	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Number Loose Piece
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

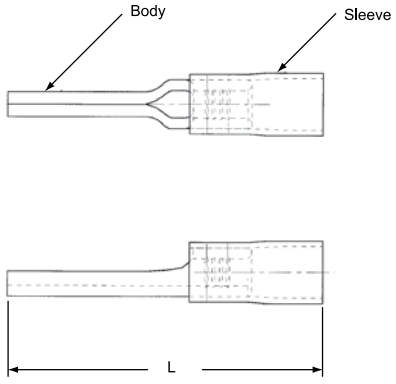
Related Product Data

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

Wire Size Circular Mils [mm²]	Tongue Material Thickness Max.	Dimensions E Max.	Dimensions L Max.	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Number Loose Piece
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 [mm²]	Tab	Dimensions Ins.	Dimensions L Max.	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Number
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)

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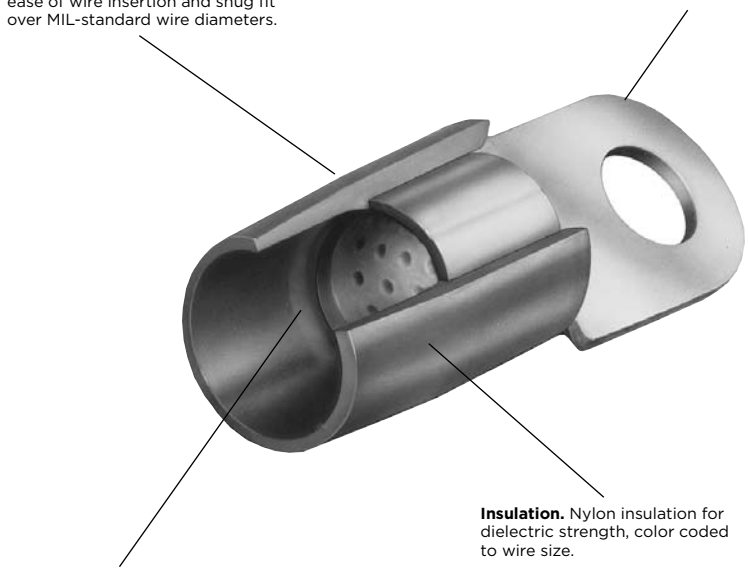
TERMINYL Terminals and Splices

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



Temperature Rating: 105°C Max.

TERMINYL Terminals meet or exceed the requirements of MIL-T-7928, Type II.

Refer to AMP Qualified Products for Military Application, Catalog 73-159 for Military Specification Number to AMP Part Number cross reference.

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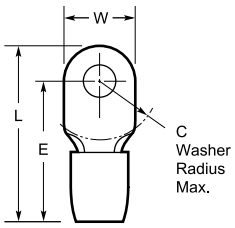
TERMINYL Terminals and Splices (Continued)

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 [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions W	Dimensions C	Dimensions E Max.	Dimensions L Max.	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers 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.

[1]Rectangular tongue terminal

[2]90° bend ring tongue terminal

[3]Heavy duty for extra mechanical strength.

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TERMINYL Terminals and Splices (Continued)

Ring Tongue Terminals

(Continued)

Wire Size Circular Mils [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions W	Dimensions C	Dimensions E Max.	Dimensions L Max.	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers 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

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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

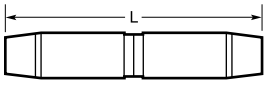
Related Product Data

Insulation Color Code -pg. 4

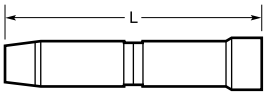
Packaging Quantities -pg. 4

Performance Specifications -pgs. 4 & 5

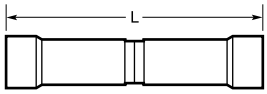
Application Tooling -pg. 67



Single to single-
Standard splice or
step down assembly



Single to multiple
Standard splice



Multiple to Multiple
Standard splice

Wire Size Circular Mils [mm²]	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

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

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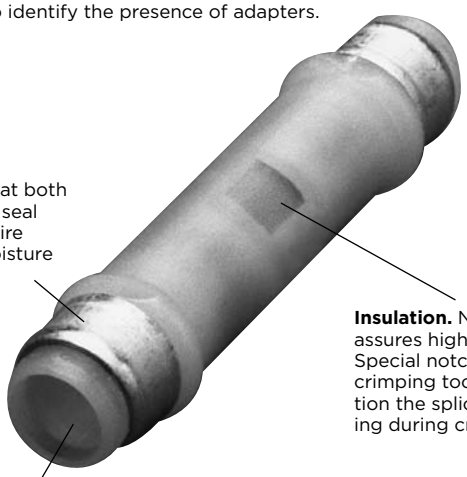
CERTI-SEAL Terminals and Splices

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.

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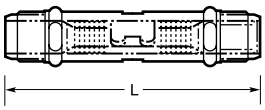
CERTI-SEAL Terminals and Splices (Continued)

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 [mm²]	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 [mm²]	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
22-18 509-1900 [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 [mm²]	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.

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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.	Per Military Specification Mil-T-7928G
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.	For procurement by contractors and manufacturers for high volume modification, and and repair.	

Military Specifications MS 25036

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

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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	—		10
	116	324082	—		1/4
	117	324044	—		5/16
	118	324045	—		3/8
6	119	324046	—		10
	120	324047	—		1/4
	121	324048	—		5/16
	122	324049	—		3/8
4	123	324050	—		1/4
	124	324051	—		5/16
	125	324052	—		3/8
2	126	324053	—		1/4
	127	324054	—		3/8
	128	324055	—		1/2
1[1]	129	324056	—		1/4
	130	324057	—		3/8
	131	324058	—		1/2
1/0	132	324056	—		1/4
	133	324057	—		3/8
	134	324058	—		1/2
2/0	135	324083	—		5/16
	136	324084	—		3/8
	137	324085	—		1/2
3/0	138	324185	—		3/8
4/0	140	324187	—		3/8
	141	324188	—		1/2

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

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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
		323913	—		2
	144	52189	—	1	4
		323914	2-323914-1		4
	145	53073	—	1	6
		326875	2-326875-1		6
	146	54311-1	—	1	8
		323916	2-323916-1		8
	147	54312-1	—	1	10
		—	54312-2		10
		324075	2-324075-1		10
22-18	148	31880	—	1	4
		—	2-31880-1		4
		320553	—	1	4
		—	2-320553-2		4
	149	31890	—	1	8
		—	2-31890-1		8
		320551	—	1	8
		—	1-320551-1		8
	150	31894	—	1	1/4
		—	2-31894-2		1/4
		320571	—	1	1/4
		—	2-320571-2		1/4
	151	328975	—	1	1/2
16-14	152	324159	—	1	4
	153	51864-1	—	1	8
		—	51864-5		8
	154	320563	—	1	1/4
		—	2-320563-2		1/4
	155	328976	—	1	1/2
12-10	156	35108	—	1	8
		—	2-35108-1		8
		320568	—	1	8
		—	2-320568-1		8
	157	35110	—	1	1/4
		—	2-35110-1		1/4
		320569	—	1	1/4
		—	2-320569-3		1/4
	158	52077	—		1/2

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

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Class 1 and Class 2 Military Approvals (Continued)

Military Specifications M7928/1

(Continued)

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

Military Specifications M7928/4

AWG	M7928/4 Dash Numbers	PIDG PVF_2 Part Numbers		Class	Stud Size
		Loose Piece	Tape Mounted		
22-18	101	53406-1	—	1	6
	102	53407-1	—	1	6
		—	53407-2		6
	103	53409-1	—	1	10
	104	53411-1	—	1	5/16
	105	53412-1	—	1	3/8
16-14	106	53415-1	—	1	6
	107	53416-1	—	1	6
		—	53416-2		6
	108	53418-1	—	1	10
		—	53418-2		10
	109	53420-1	—	1	5/16
	110	53421-1	—	1	3/8
12-10	111	53423-1	—	1	6
	112	53425-1	—	1	10
		—	53425-2		10
	113	53427-1	—	1	5/16
	114	53428-1	—	1	3/8
26-24	143	53400-1	—	1	2
	144	53401-1	—	1	4
	145	53402-1	—	1	6
	146	53403-1	—	1	8
	147	53404-1	—	1	10

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Class 1 and Class 2 Military Approvals (Continued)

Military Specifications M7928/4

(Continued)

AWG	M7928/4 Dash Numbers	PIDG PVF_2 Part Numbers		Class	Stud Size
		Loose Piece	Tape Mounted		
22-18	148	53405-1	—	1	4
	149	53408-1	—	1	8
		—	53408-2		8
	150	53410-1	—	1	1/4
		—	53410-2		1/4
	151	53413-1	—	1	1/2
16-14	152	53414-1	—	1	4
	153	53417-1	—	1	8
	154	53419-1	—	1	1/4
	155	53422-1	—	1	1/2
12-10	156	53424-1	—	1	8
		—	53424-2		8
	157	53426-1	—	1	1/4
	158	53429-1	—		1/2

Military Specifications M7928/5

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

Military Specifications M7928/6

AWG	M7928/6 Dash Numbers	PIDG Window Splice PVF_2 Part Numbers		Class
		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

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Class 1 and Class 2 Military Approvals (Continued)

Military Specifications
MS 17143

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

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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							
		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]	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 Applicator 687658-1	Tape Dies for 565435-5 AMP-O-LECTRIC Model "K" Applicator 567200-2
PIDG Terminals & Splices and PLASTI-GRIP Terminals	30-26	69163–uses 26-22 Terms.	–	–	–	–	–	–	–	–	–
	26-22	46121†	59275†	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 16-14 HD	59239-4† 59287-2 (.300 exp.)	59824-1[1] 58433-3[2]	679300-1	679305-1	47808-6 Std. 47808-5 (.300 exp.)	69874* 69897 (.300 exp.) 59828-1[1]	69874* 69897 (.300 exp.) 59828-1[1]	69874* 69897 (.300 exp.) 59828-1[1]	69874* 69897 (.300 exp.) 59828-1[1]	69874* 69897 (.300 exp.) 59828-1[1]
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 16-14 HD	59489 (butt spl. only) 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)

†Tooling with adjustable insulation crimp.

*Same die set/configuration as in hand tools.

[1]TETRA-CRIMP die configuration.

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

[3]69710-1 hand tool.

[4]6-26 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	—	—	—

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

[2]No insulation crimp.

[3]Without insulation crimp.

[4]With 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.

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

[2]Die included with applicator.

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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)

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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.
69051

6-26 Tool

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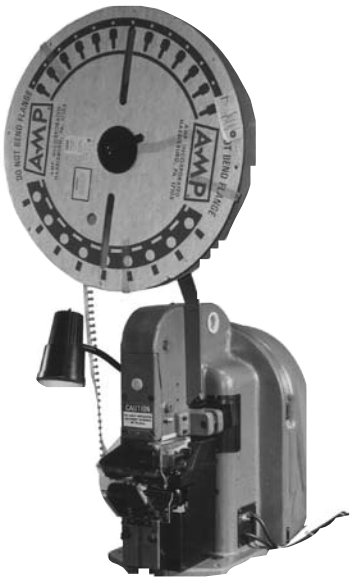
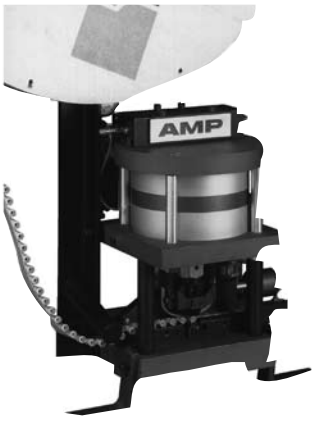
Tooling (Continued)

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)**

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Revised 07-08

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Dimensions are in millimeters and inches unless otherwise specified. Values in brackets are equivalent U.S. Customary Units.

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752
Canada: 1-905-470-4425
Mexico: 01-800-733-8926
C. America: 52-55-5-729-0425

South America: 54-11-4733-2015
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-8706-080208

Engineering Notes

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Tyco Electronics Corporation
Harrisburg, PA

82042 - Rev. 7/08 - OG3B

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