

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 for spring spades with a copper sleeve and insulation sleeve fitted over terminal barrel
- Design of the tool dies and construction of the terminal allows for uniform insulation thickness under crimping pressure, transmitting this pressure evenly to the center of the crimp area

The AMP Mated Tool/Terminal Concept

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

The Crimp

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

Temperature Rating: 105°C Max.

AMP PIDG Terminals (Use PIDG Tooling)		AMP PIDG Nylon Butt Window Splice (Use PIDG Tooling)	
AMP Wire Range	UL LISTED	AMP Wire Range	UL LISTED
22-16 22-16 Solid or Stranded	SR [®] LR7189 Certified	22-16 22-16 Stranded or Solid	SR [®] LR7189 Certified
16-14 16-14 Solid or Stranded 300 V Max., 105°C. Max. ¹		16-14 16-14 Stranded or Solid 300 V Max., 105°C. Max.	
12-10 12-10 Solid or Stranded		12-10 12-10 Stranded or Solid	

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

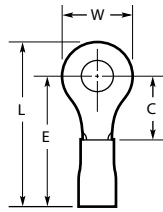
Note: 22-16 splices are stamped 22-18 in accordance with MIL-T-7928.

¹UL & CSA — Nylon

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

PIDG Terminals and Splices (Continued)

Ring Tongue Terminals



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

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

Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions				Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers	
			W	C Min.	E Max.	L Max.			Loose Piece	Tape Mounted
26-24 238-475 [0.12-0.24]	.029 0.74	2 M2	.203 5.16	.211 5.36	.632 16.05	.739 18.77	Yellow	.105 2.67	54310-1'	—
		4	.203 5.16	.211 5.36	.632 16.05	.736 18.69	Yellow	.105 2.67	52189'	—
		6 M3.5	.250 6.35	.243 6.17	.664 16.87	.792 20.12	Yellow	.105 2.67	53073'	—
		8 M4	.281 7.14	.250 6.35	.671 17.04	.814 20.68	Yellow	.105 2.67	54311-1'	—
		10	.312 7.92	.281 7.14	.702 17.83	.868 22.05	Yellow	.105 2.67	54312-1'	54312-2'
26-22 202-810 [0.10-0.41]	.020 0.51	0	.140 3.56	.121 3.07	.452 11.48	.525 13.34	Yellow	.082 2.08	321013	—
		2 M2	.140 3.56	.121 3.07	.452 11.48	.525 13.34	Yellow	.082 2.08	323912*	2-323912-1
			.140 3.56	.211 5.36	.542 13.77	.615 15.62	Yellow	.082 2.08	329951*	—
			.165 4.19	.211 5.36	.542 13.77	.617 15.67	Yellow/Br.	.082 2.08	321620*	1-321620-0
		4	.203 5.16	.211 5.36	.542 13.77	.646 16.41	Yellow	.082 2.08	323913	2-323913-1
			.203 5.16	.211 5.36	.542 13.77	.646 16.41	Yellow	.082 2.08	323914*	2-323914-1
			.198 5.03	.308 7.82	.643 16.33	.745 18.92	Yellow	.082 2.08	321617	—
		6 M3.5	.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
			.250 6.35	.281 7.14	.612 15.54	.740 18.80	Yellow	.082 2.08	323916*	2-323916-1
		8 M4	.300 7.62	.281 7.14	.612 15.54	.765 19.43	Yellow	.082 2.08	52124	52124-2
			.250 6.35	.281 7.14	.612 15.54	.740 18.80	Yellow	.082 2.08	324075*	2-324075-1
10	.300 7.62	.281 7.14	.612 15.54	.765 19.43	Yellow	.082 2.08	52124-1	—		
	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	
		.203 5.16	.250 6.35	.631 16.03	.735 18.67	Natural	.100 2.54	50534	—	
4		.281 7.14	.250 6.35	.631 16.03	.774 19.66	Natural	.100 2.54	323985	—	
		.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.

¹Must be crimped with 22-18 or 22-16 PIDG (red) Tooling.

PIDG Terminals and Splices

PIDG Terminals and Splices (Continued)

Ring Tongue Terminals

(Continued)

Wire Size Circular Mills [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions				Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers	
			W	C Min.	E Max.	L Max.			Loose Piece	Tape Mounted
22-16 509-3,260 [0.26-1.65]	.033 0.84	1	.160 4.06	.156 3.96	.560 14.22	.643 16.33	Red	.125 3.18	327174	2-327174-1
			.182 4.62	.172 4.37	.576 14.63	.669 16.99	Red	.125 3.18	324158	2-324158-1
		2 M2	.182 4.62	.172 4.37	.576 14.63	.669 16.99	Red	.140 3.56	320773	—
			.218 5.54	.156 3.96	.560 14.22	.672 17.07	Red	.125 3.18	328657*	2-328657-1
		4	.182 4.62	.172 4.37	.576 14.63	.669 16.99	Red/Green	.125 3.18	327654*	—
			.182 4.62	.172 4.37	.576 14.63	.669 16.99	Red	.140 3.56	320882*	2-320882-1
			.218 5.54	.156 3.96	.560 14.22	.672 17.07	Red	.125 3.18	320553*	2-320553-2
			.218 5.54	.156 3.96	.560 14.22	.672 17.07	Red	.125 3.18	36254 ¹	—
			.218 5.54	.156 3.96	.560 14.22	.672 17.07	Red	.140 3.56	31880*	2-31880-1
			.218 5.54	.156 3.96	.560 14.22	.672 17.07	Black	.140 3.56	35229	—
			.250 6.35	.312 7.92	.716 18.19	.844 21.44	Red	.125 3.18	323758	2-323758-1
			.250 6.35	.312 7.92	.716 18.19	.844 21.44	Red	.140 3.56	330648	2-330648-1
			.218 5.54	.156 3.96	.560 14.22	.672 17.07	Red	.125 3.18	36149*	2-36149-2
			.218 5.54	.156 3.96	.560 14.22	.672 17.07	Red	.140 3.56	36150*	2-36150-1
		6 M3.5	.250 6.35	.250 6.35	.654 16.61	.782 19.86	Red	.125 3.18	51863*	51863-1
			.281 7.14	.250 6.35	.654 16.61	.797 20.24	Red	.125 3.18	36151*	2-36151-2
			.281 7.14	.250 6.35	.654 16.61	.797 20.24	Red	.140 3.56	36152*	2-36152-1
			.312 7.92	.281 7.14	.685 17.40	.844 21.44	Red	.125 3.18	323008	2-323008-1
			.312 7.92	.281 7.14	.685 17.40	.844 21.44	Red	.140 3.56	326878	2-326878-1
			.281 7.14	.250 6.35	.654 16.61	.797 20.24	Red	.125 3.18	320554*	2-320554-1
			.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
8 M4	.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		

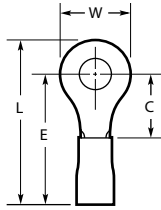
*Available in small packaging quantities.

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

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

PIDG Terminals and Splices (Continued)

Ring Tongue Terminals
(Continued)



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

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

Wire Size Circular Mills [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions				Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers			
			W	C Min.	E Max.	L Max.			Loose Piece	Tape Mounted		
22-16 509-3,260 [0.26-1.65]	.033 0.84	1/4 M6	.469 11.91	.437 11.10	.841 21.36	1.078 27.38	Red	.125 3.18	320571*	2-320571-2		
			.469 11.91	.437 11.10	.841 21.36	1.078 27.38	Black	.125 3.18	55936-1	55936-2		
			.469 11.91	.437 11.10	.841 21.36	1.078 27.38	Red	.140 3.56	31894*	2-31894-2		
		5/16 M8	.469 11.91	.437 11.10	.841 21.36	1.078 27.38	Red	.125 3.18	320572*	2-320572-1		
			.469 11.91	.437 11.10	.841 21.36	1.078 27.38	Red	.140 3.56	31895*	2-31895-1		
			.531 13.49	.546 13.87	.950 24.13	1.218 30.94	Red	.125 3.18	324123	—		
		3/8	.531 13.49	.546 13.87	.950 24.13	1.218 30.94	Red	.125 3.18	320573*	2-320573-4		
			.531 13.49	.546 13.87	.950 24.13	1.218 30.94	Red	.140 3.56	31897*	2-31897-2		
			.656 16.66	.437 11.10	.841 21.36	1.171 29.74	Red	.125 3.18	321522	—		
		1/2 M12	.713 18.11	.530 13.46	.934 23.72	1.293 32.84	Red	.125 3.18	328975*	—		
		20-16HD ¹ 992-2,800 [0.50-1.42]	.042 1.07	10	.469 11.91	.312 7.92	.718 18.24	.955 24.26	Blue	.150 3.81	150247	—
				2 M2	.180 4.57	.171 4.34	.575 14.61	.668 16.97	Blue	.170 4.32	324993	—
.250 6.35	.171 4.34				.575 14.61	.703 17.86	Blue	.150 3.81	324159*	2-324159-2		
4	.250 6.35			.171 4.34	.575 14.61	.703 17.86	Blue	.170 4.32	328996*	2-328996-1		
	.250 6.35			.281 7.14	.685 17.40	.813 20.65	Blue	.150 3.81	323676	—		
	.250 6.35			.171 4.34	.575 14.61	.703 17.86	Blue	.150 3.81	320561*	2-320561-2		
6 M3.5	.250 6.35			.171 4.34	.575 14.61	.703 17.86	Blue	.170 4.32	320619*	2-320619-1		
	.250 6.35			.281 7.14	.685 17.40	.813 20.65	Blue	.170 4.32	50881	50881-2		
	.312 7.92			.250 6.35	.654 16.61	.813 20.65	Blue	.170 4.32	326882*	2-326882-1		
	.312 7.92			.281 7.14	.685 17.40	.844 21.44	Blue	.150 3.81	51864*	51864-3		
	.343 8.71			.281 7.14	.685 17.40	.859 21.82	Blue	.150 3.81	36157*	2-36157-2		
	.343 8.71			.281 7.14	.685 17.40	.859 21.82	Blue	.170 4.32	36158*	2-36158-1		
8 M4	.312 7.92	.250 6.35	.654 16.61	.813 20.65	Blue	.170 4.32	53941-1*	53941-2				
	.312 7.92	.281 7.14	.685 17.40	.844 21.44	Blue	.150 3.81	51864-1*	51864-5				
	.343 8.71	.281 7.14	.685 17.40	.859 21.82	Blue	.150 3.81	320560*	2-320560-1				
	.343 8.71	.281 7.14	.685 17.40	.859 21.82	Blue	.170 4.32	320565*	2-320565-1				

*Available in small packaging quantities.

¹Heavy duty for extra mechanical strength.

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

PIDG Terminals and Splices (Continued)

Ring Tongue Terminals
(Continued)

Wire Size Circular Mills [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions				Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers			
			W	C Min.	E Max.	L Max.			Loose Piece	Tape Mounted		
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		
		12	.469 11.91	.437 11.10	.841 21.36	1.078 27.38	Blue	.170 4.32	324533	2-324533-2		
			.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	—		
			.469 11.91	.437 11.10	.841 21.36	1.078 27.38	Blue	.150 3.81	320563*	2-320563-2		
		1/4 M6	.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	—
					.281 7.14	.219 5.56	.810 20.57	.953 24.21	Yellow/Blk.	.230 5.84	320631*	2-320631-1
				6 M3.5	.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		
1/4 M6	.500 12.70			.344 8.74	1.179 29.95	1.432 36.37	Yellow/Blk.	.220 5.59	329391	—		
	.500 12.70			.344 8.74	.935 23.75	1.188 30.18	Yellow/Blk.	.230 5.84	34974*	2-34974-1		
5/16 M8	.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		
5/16 M8	.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				

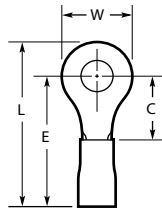
*Available in small packaging quantities.

¹Heavy duty for extra mechanical strength.

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

PIDG Terminals and Splices (Continued)

Ring Tongue Terminals
(Continued)



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

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

Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions				Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers		
			W	C Min.	E Max.	L Max.			Loose Piece	Tape Mounted	
16-14HD ¹ 2,050-5,180 [1.04-2.62]	.050 1.27	3/8	.531 13.49	.437 11.10	1.028 26.11	1.296 32.92	Yellow/Blk.	.230 5.84	330896	—	
			1/2 M12	.750 19.05	.625 15.88	1.216 30.89	1.594 40.49	Yellow/Blk.	.250 6.35	35316*	—
				1.250 31.75	1.000 25.40	1.591 40.41	2.219 56.36	Yellow/Blk.	.250 6.35	36203	—
		3/4	1.250 31.75	1.000 25.40	1.591 40.41	2.219 56.36	Yellow/Blk.	.250 6.35	322724	—	—
			4	.281 7.14	.219 5.56	.810 20.57	.953 24.21	Yellow	.250 6.35	35148*	1-35148-1
				.281 7.14	.219 5.56	.810 20.57	.953 24.21	Yellow	.230 5.84	320634*	2-320634-1
		.281 7.14		.219 5.56	.810 20.57	.953 24.21	Yellow	.250 6.35	35149*	2-35149-1	
		6 M3.5	.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			
10	.375 9.53	.302 7.67	.893 22.68	1.083 27.51	Yellow	.250 6.35	35108*	2-35108-1			
	.312 7.92	.302 7.67	.893 22.68	1.052 26.72	Yellow	.230 5.84	324918*	1-324918-0			
	.343 8.71	.281 7.14	.872 22.15	1.046 26.57	Yellow	.230 5.84	32883*	1-32883-0			
1/4 M6	.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			
1/4 M6	.500 12.70	.344 8.74	1.179 29.95	1.432 36.37	Yellow	.220 5.59	329389	—			
	.500 12.70	.344 8.74	.935 23.75	1.188 30.18	Yellow	.230 5.84	35273*	2-35273-2			
	.531 13.49	.468 11.89	1.054 26.77	1.322 33.58	Yellow	.230 5.84	320569*	2-320569-3			
1/4 M6	.531 13.49	.468 11.89	1.054 26.77	1.322 33.58	Yellow	.230 5.84	—	2-32545-4 ²			
	.531 13.49	.468 11.89	1.054 26.77	1.322 33.58	Yellow	.250 6.35	35110*	2-35110-1			

*Available in small packaging quantities.

¹Heavy duty for extra mechanical strength.

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

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

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

PIDG Terminals and Splices (Continued)

Ring Tongue Terminals
(Continued)

Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions				Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers	
			W	C Min.	E Max.	L Max.			Loose Piece	Tape Mounted
12-10 5,180-13,100 [2.62-6.64]	.042 1.07	M5	.375 9.53	.302 7.67	.967 24.56	1.160 29.46	Yellow	.300 7.62	—	55157-2 ¹
		5/16 M8	.531 13.49	.468 11.89	1.054 26.77	1.322 33.58	Yellow	.230 5.84	320576*	2-320576-1
			.531 13.49	.468 11.89	1.054 26.77	1.322 33.58	Yellow	.250 6.35	35111*	2-35111-1
		3/8	.593 15.06	.531 13.49	1.115 28.32	1.414 35.92	Yellow	.230 5.84	320577*	2-320577-3
			.593 15.06	.531 13.49	1.115 28.32	1.414 35.92	Yellow	.250 6.35	35112*	—
		1/2 M12	.750 19.05	.625 15.88	1.216 30.89	1.594 40.49	Yellow	.250 6.35	35150	—
			.715 18.16	.474 12.04	1.065 27.05	1.414 35.92	Yellow	.230 5.84	52077	—
		5/8 M16	.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	—
		5/8 M16	.750 19.05	.625 15.88	1.216 30.89	1.594 40.49	Yellow	.250 6.35	35151*	—
			1.250 31.75	1.000 25.40	1.591 40.41	2.219 56.36	Yellow	.230 5.84	324615	—

*Available in small packaging quantities.

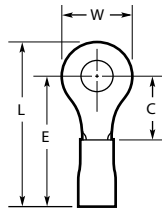
Note: "C" dimension applies from edge of metal wire barrel to center of stud hole.

¹Vinyl insulation material

PIDG Terminals and Splices (Continued)

Ring Tongue Terminals

(Vinyl)



Material

Insulation-Vinyl, UL 94V-0

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

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

PIDG Terminals and Splices

Wire Size Circular Mills [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions				Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers	
			W	C Min.	E Max.	L Max.			Loose Piece	Tape Mounted
22-16 509-3,260 [0.26-1.65]	.033 0.84	6 M3.5	.281	.250	.654	.797	Red	.140 3.56	31885	—
			7.14	6.35	16.61	20.24				
		8 M4	.312	.281	.685	.844	Red	.125 3.18	31888	—
			7.92	7.14	17.40	21.44				
		10	.312	.281	.685	.844	Red	.125 3.18	31884	—
10	.312	.250	.654	.813	Blue	.170 4.32	—	2-322238-1		
									7.92	6.35
10	.312	.281	.685	.844	Blue	.150 3.81	—	51861-4		
									7.92	7.14
16-14 2,050-5,180 [1.04-2.62]	.033 0.84	10	.343	.281	.685	.859	Blue	.170 4.32	31903	—
			8.71	7.14	17.40	21.82				
			.343	.281	.685	.859				
8.71	7.14	17.40	21.82							
16-14HD ¹ 2,050-5,180 [1.04-2.62]	.050 1.27	10	.343	.281	.961	1.135	Yellow/Blk.	.300 7.62	35363*	—
		1/4 M6	.531	.437	1.117	1.385	Yellow/Blk.	.300 7.62	35362*	—
		13.49	11.10	28.37	35.18	Yellow/Blk.	.300 7.62	35538	—	
		5/16 M8	.531	.437	1.117	1.385	Yellow/Blk.	.300 7.62	35538	—
		13.49	11.10	28.37	35.18	Yellow/Blk.	.300 7.62	36485	—	
12-10 5,180-13,100 [2.62-6.64]	.042 1.07	1/2 M12	1.250	1.000	1.680	2.308	Yellow/Blk.	.300 7.62	36485	—
		31.75	25.40	42.67	58.62	Yellow	.300 7.62	35604	—	
		6 M3.5	.375	.302	.982	1.172	Yellow	.300 7.62	35605*	2-35605-2
		9.53	7.67	24.94	29.77	Yellow	.300 7.62	35364*	2-35364-1	
		8 M4	.375	.302	.982	1.172	Yellow	.300 7.62	35605*	2-35605-2
		9.53	7.67	24.94	29.77	Yellow	.300 7.62	35364*	2-35364-1	
		10	.375	.302	.982	1.172	Yellow	.300 7.62	35364*	2-35364-1
		9.53	7.67	24.94	29.77	Yellow	.300 7.62	—	55157-2	
		5mm ³	.375	.302	.967	1.160	Yellow	.300 7.62	—	55157-2
		9.53	7.67	24.56	29.46	Yellow	.300 7.62	323763	2-323763-2	
1/4 M6	.500	.344	1.024	1.277	Yellow	.300 7.62	323763	2-323763-2		
	12.70	8.74	26.01	32.44	Yellow	.300 7.62	35345*	2-35345-1		
5/16 M8	.531	.468	1.148	1.416	Yellow	.300 7.62	35345*	2-35345-1		
	13.49	11.89	29.16	35.97	Yellow	.300 7.62	35346*	2-35346-1		
3/8	.531	.468	1.148	1.416	Yellow	.300 7.62	35346*	2-35346-1		
	13.49	11.89	29.16	35.97	Yellow	.300 7.62	35478	1-35478-0		
3/8	.593	.531	1.211	1.510	Yellow	.300 7.62	35478	1-35478-0		
	15.06	13.49	30.76	38.35	Yellow	.300 7.62	35478	1-35478-0		

*Available in small packaging quantities.

¹Heavy duty for extra mechanical strength.

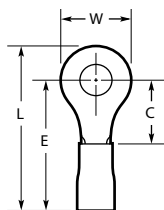
²Terminal body plating — Gold per MIL-G-45204 Type II over Nickel per QQ-N-290.

³#10 stud may be substituted.

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

PIDG Terminals and Splices (Continued)

Ring Tongue Terminals
(Insulation Restricting)



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

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

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

*Available in small packaging quantities.

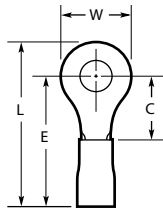
Note: "C" dimension applies from edge of metal wire barrel to center of stud hole.

¹Must be crimped with 22-18 or 22-16 PIDG (red) Tooling.

PIDG Terminals and Splices (Continued)

Ring Tongue Terminals
(Insulation Restricting)

(Continued)



Material

Insulation-Nylon, UL 94V-2

Terminal Body-Copper per ASTM B-152

Plating-Tin per ASTM B-545

Metallic Sleeve-Copper per ASTM B-152

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

Related Product Data

Insulation Color Code -pg. 4

Packaging Quantities -pg. 4

Performance Specifications -pgs. 4 & 5

Application Tooling-pg. 66

Wire Size Circular Mills [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions				Terminal Insulation Color Solid/Stripe	Wire Insulation Diameter Range	Part Numbers			
			W	C Min.	E Max.	L Max.			Loose Piece	Tape Mounted		
20 1,186 [0.60]	.033 0.84	2 M2	.182 4.62	.172 4.37	.638 16.21	.731 18.57	Red/Red	.046-.110 1.17-2.79	52307-1	—		
		4	.218 5.54	.156 3.96	.622 15.80	.734 18.64	Red/Red	.046-.110 1.17-2.79	52273-1*	—		
		6 M3.5	.218 5.54	.156 3.96	.622 15.80	.734 18.64	Red/Red	.046-.110 1.17-2.79	2-36149-4*	—		
			.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.

PIDG Terminals and Splices (Continued)

Ring Tongue Terminals
(Insulation Restricting)

(Continued)

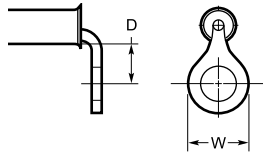
Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions				Terminal Insulation Color Solid/Stripe	Wire Insulation Diameter Range	Part Numbers	
			W	C Min.	E Max.	L Max.			Loose Piece	Tape Mounted
14 4,234 [2.15]	.033 0.84	4	.250 6.35	.171 4.34	.637 16.18	.765 19.43	Blue/Green	.078-.130 1.98-3.30	52274-1	—
		6 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
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	—
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
10 12,066 [6.11]	.042 1.07	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	—

*Available in small packaging quantities.

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

PIDG Terminals and Splices (Continued)

Ring Tongue Terminals
90° Bend



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

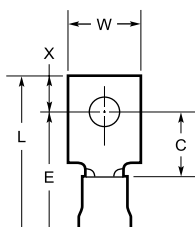
Related Product Data
Insulation Color Code-pg. 4
Packaging Quantities-pg. 4
Performance Specifications-pgs. 4 & 5
Application Tooling-pg. 66

	Wire Size Cicular Mils [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions		Terminal Insulation Color	Wire Insulation Diameter Max.	Part Number
				W	D Min.			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

PIDG Terminals and Splices (Continued)

Rectangular Tongue Terminals



Material

Insulation -Nylon except where noted.

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

Plating -Tin per ASTM B-545

Related Product Data

Insulation Color Code -pg. 4

Packaging Quantities -pg. 4

Performance Specifications - pgs. 4 & 5

Application Tooling -pg. 66

Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions					Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers			
			W	C Min.	E Max.	L Max.	X			Loose Piece	Tape Mounted		
26-22 202-810 [0.10-0.41]	.020 0.51	2 M2	.182 4.62	.211 5.36	.542 13.77	.647 16.43	.100 2.54	Yellow	.082 2.08	321206 ²	—		
		6 M3.5	.277 7.04	.308 7.82	.643 16.33	.783 19.89	.130 3.30	Yellow	.082 2.08	330250	—		
		2 M2	.182 4.62	.203 5.16	.607 15.42	.727 18.47	.115 2.92	Red	.125 3.18	325148	—		
		4	.237 6.02	.237 6.02	.643 16.33	.796 20.22	.143 3.63	Red	.140 3.56	2-327968-1	—		
			.237 6.02	.404 10.26	.810 20.57	1.015 25.78	.195 4.95	Red	.140 3.56	327962	—		
		5 M3	.250 6.35	.187 4.75	.591 15.01	.736 18.69	.140 3.56	Red	.140 3.56	55777-1	—		
			.277 7.04	.277 7.04	.702 17.83	.855 21.72	.143 3.63	Red	.140 3.56	2-327950-1	—		
		22-16 509-3,260 [0.26-1.65]	.033 0.84	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
				8 M4	.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
				10	.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	—		
16-14 2,050-5,180 [1.04-2.62]	.033 0.84	4	.312 7.92	.281 7.14	.685 17.40	.893 22.68	.203 5.16	Red	.140 3.56	320209*	—		
			.237 6.02	.237 6.02	.643 16.33	.796 20.22	.143 3.63	Blue	.150 3.81	2-327970-4	—		
		5 M3	.237 6.02	.404 10.26	.810 20.57	1.015 25.78	.195 4.95	Blue	.150 3.81	2-327964-4	—		
			.244 6.20	.312 7.92	.716 18.19	.856 21.74	.125 3.18	Blue	.150 3.81	—	55694-1 ¹		
		5 M3	.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.

¹Insulation - Vinyl

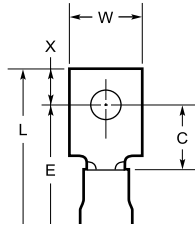
²Terminal Body - Brass per MIL-C-50.

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

PIDG Terminals and Splices (Continued)

Rectangular Tongue Terminals

(Continued)



Material

Insulation -Nylon except where noted.

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

Plating -Tin per ASTM B-545

Related Product Data

Insulation Color Code -pg. 4

Packaging Quantities -pg. 4

Performance Specifications -pgs. 4 & 5

Application Tooling - pg. 66

Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions					Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers		
			W	C Min.	E Max.	L Max.	X			Loose Piece	Tape Mounted	
16-14 2,050-5,180 [1.04-2.62]	.033 0.84	6 M3.5	.237 6.02	.404 10.26	.810 20.57	1.015 25.78	.195 4.95	Blue	.150 3.81	2-327958-4	—	
			.237 6.02	.404 10.26	.810 20.57	1.015 25.78	.195 4.95	Blue	.170 4.32	2-327958-1	—	
			.244 6.20	.312 7.92	.716 18.19	.856 21.74	.125 3.18	Blue	.150 3.81	33172	—	
			.244 6.20	.312 7.92	.716 18.19	.856 21.74	.125 3.18	Blue	.170 4.32	33173*	—	
			.296 7.52	.203 5.16	.607 15.42	.752 19.10	.140 3.56	Blue	.150 3.81	33168	—	
			.302 7.67	.465 11.81	.872 22.15	1.109 28.17	.227 5.77	Blue	.150 3.81	2-327940-4	—	
		8 M4	.244 6.20	.312 7.92	.716 18.19	.856 21.74	.125 3.18	Blue	.170 4.32	35279	—	
			.296 7.52	.343 8.71	.747 18.97	.939 23.85	.187 4.75	Blue	.170 4.32	321283*	—	
			.302 7.67	.465 11.81	.872 22.15	1.109 28.17	.227 5.77	Blue	.150 3.81	2-327946-4	—	
			.390 9.91	.621 15.77	1.039 26.39	1.359 34.52	.310 7.87	Blue	.150 3.81	2-327934-2	—	
			10	.312 7.92	.281 7.14	.685 17.40	.940 23.88	.250 6.35	Blue	.170 4.32	324603	—
				4	.237 6.02	.237 6.02	.831 21.11	.984 24.99	.143 3.63	Yellow	.230 5.84	327972
		.237 6.02	.404 10.26		.998 25.35	1.203 30.56	.195 4.95	Yellow	.230 5.84	327966	—	
		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
			.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	—
		6 M3.5	.250 6.35		.302 7.67	.893 22.68	1.085 27.56	.187 4.75	Yellow	.230 5.84	329697	—
			.290 7.37		.218 5.54	.809 20.55	.954 24.23	.140 3.56	Yellow	.230 5.84	34512	—
			.302 7.67	.465 11.81	1.044 26.52	1.281 32.54	.227 5.77	Yellow	.230 5.84	327942	—	
8 M4	.302 7.67		.465 11.81	1.044 26.52	1.281 32.54	.227 5.77	Yellow	.230 5.84	327948	—		
	.302 7.67	.465 11.81	1.077 27.36	1.247 31.67	.160 4.06	Yellow	.230 5.84	331268	2-331268-1			
	.390 9.91	.621 15.77	1.211 30.76	1.531 38.89	.310 7.87	Yellow	.230 5.84	327936	—			

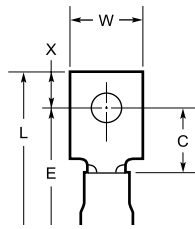
*Available in small packaging quantities.

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

PIDG Terminals and Splices (Continued)

Rectangular Tongue Terminals

(Continued)



Material

Insulation -Nylon, UL 94V-2

Terminal Body -Copper per ASTM B-152

Plating -Tin per ASTM B-545

Metallic Sleeve -Copper per ASTM B-152

Plating - Nickel per QQ-N-290

Related Product Data

Insulation Color Code -pg. 4

Packaging Quantities -pg. 4

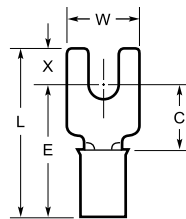
Performance Specifications -pgs. 4 & 5

Application Tooling -pg. 66

Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions					Terminal Insulation Color Solid/Stripe	Wire Insulation Diameter Range	Part Numbers	
			W	C Min.	E Max.	L Max.	X			Loose Piece	Tape Mounted
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 [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions					Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers	
			W	C Min.	E Max.	L Max.	X			Loose Piece	Tape Mounted
26-24 238-475 [0.12-0.24]	.029 0.74	6 M3.5	.250 6.35	.211 5.36	.632 16.05	.709 18.01	.072 1.83	Yellow	.095 2.41	—	53115-2
26-22 202-810 [0.10-0.41]	.020 0.51	0	.125 3.18	.078 1.98	.409 10.39	.476 12.09	.062 1.57	Yellow	.082 2.08	322001	—
		4	.203 5.16	.211 5.36	.542 13.77	.627 15.93	.076 1.93	Yellow	.082 2.08	321035*	2-321035-1
		2 M2	.182 4.62	.203 5.16	.607 15.42	.727 18.47	.115 2.92	Red	.140 3.56	328394*	2-328394-1
			4	.218 5.54	.156 3.96	.560 14.22	.674 17.12	.109 2.77	Red	.125 3.18	1-327717-0
		4		.218 5.54	.156 3.96	.560 14.22	.674 17.12	.109 2.77	Red	.140 3.56	327717*
			6 M3.5	.250 6.35	.312 7.92	.716 18.19	.846 21.49	.125 3.18	Red	.140 3.56	34541*
		6 M3.5		.297 7.54	.203 5.16	.607 15.42	.753 19.13	.141 3.58	Red	.125 3.18	34080*
			6 M3.5	.297 7.54	.203 5.16	.607 15.42	.753 19.13	.141 3.58	Red	.140 3.56	326861*
		6 M3.5		.344 8.74	.218 5.54	.622 15.80	.783 19.89	.156 3.96	Red	.125 3.18	32403
			6 M3.5	.344 8.74	.218 5.54	.622 15.80	.783 19.89	.156 3.96	Red	.140 3.56	32404
		8 M4		.375 9.53	.312 7.92	.716 18.19	.908 23.06	.187 4.75	Red	.125 3.18	32050*
			8 M4	.375 9.53	.312 7.92	.716 18.19	.908 23.06	.187 4.75	Red	.140 3.56	32053*
10	.375 9.53	.312 7.92		.716 18.19	.908 23.06	.187 4.75	Red	.125 3.18	32051*	2-32051-1	
	10	.375 9.53	.312 7.92	.716 18.19	.908 23.06	.187 4.75	Red	.140 3.56	32054*	2-32054-1	

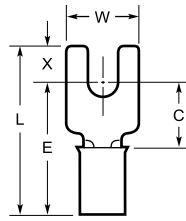
*Available in small packaging quantities.

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

PIDG Terminals and Splices (Continued)

Spade Tongue Terminals

(Continued)



Material

Insulation -Nylon, UL 94V-2

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

Plating -Tin per ASTM B-545

Related Product Data

Insulation Color Code -pg. 4

Packaging Quantities -pg. 4

Performance Specifications -pgs. 4 & 5

Application Tooling -pg. 66

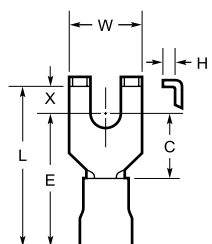
Wire Size Circular Mills [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions					Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers			
			W	C Min.	E Max.	L Max.	X			Loose Piece	Tape Mounted		
16-14 2,050-5,180 [1.04-2.62]	.033 0.84	6 M3.5	.244 6.20	.312 7.92	.716 18.19	.846 21.49	.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		
			.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		
.406 10.31	.296 7.52				.887 22.53	1.095 27.81	.203 5.16	Yellow	.230 5.84	32589*	2-32589-1		

*Available in small packaging quantities.

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

PIDG Terminals and Splices (Continued)

Flanged Spade Tongue Terminals



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

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

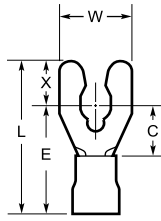
Wire Size Circular Mills [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions						Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers			
			W	C Min.	C Max.	E Max.	L Max.	X			H Min.	Loose Piece	Tape Mounted	
26-22 202-810 [0.10-0.41]	.020 0.51	2 M2	.182 4.62	.203 5.16	.534 13.56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

*Available in small packaging quantities.

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

PIDG Terminals and Splices (Continued)

**Short Spring Spade
Tongue Terminals**



Material
Insulation -Nylon, UL 94V-2
Terminal Body -Phosphor
Bronze per ASTM B-139
Metallic Sleeve -Copper per
ASTM B-152
Plating -Tin per ASTM B-545

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

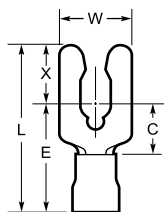
Wire Size Circular Mills [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions					Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers			
			W	C Min.	E Max.	L Max.	X			Loose Piece	Tape Mounted		
26-22 202-810 [0.10-0.41]	.020 0.51	2 M2	.171 4.34	.206 5.23	.537 13.64	.651 16.54	.109 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		
		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		
22-16 509-3,260 [0.26-1.65]	.033 0.84	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		
		10	.375 9.53	.281 7.14	.685 17.40	.860 21.84	.170 4.32	Red	.140 3.56	—	52930-3		
			.406 10.31	.281 7.14	.685 17.40	.908 23.06	.218 5.54	Red	.125 3.18	52931*	52931-1		
		1/4 M6	.406 10.31	.281 7.14	.685 17.40	.908 23.06	.218 5.54	Red	.140 3.56	—	52931-3		
			.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.

PIDG Terminals and Splices (Continued)

Long Spring Spade Tongue Terminals



Material
Insulation -Nylon, UL 94V-2
Terminal Body -Phosphor Bronze per ASTM B-139
Metallic Sleeve -Copper per ASTM B-152
Plating -Tin per ASTM B-545

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

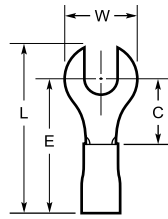
Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions					Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers	
			W	C Min.	E Max.	L Max.	X			Loose Piece	Tape Mounted
26-22 202-810 [0.10-0.41]	.020 0.51	6	.250	.235	.566	.847	.276	Yellow	.082	52403	52403-1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

*Available in small packaging quantities.

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

PIDG Terminals and Splices (Continued)

Slotted Ring Tongue Terminals



Material
Insulation -Nylon except where noted.
Terminal Body and Metallic Sleeve -Copper per ASTM B-152
Plating -Tin per ASTM B-545

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

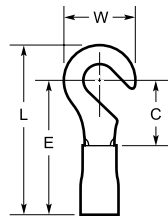
Wire Size Circular Mills [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions				Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers	
			W	C Min.	E Max.	L Max.			Loose Piece	Tape Mounted
26-22 202-810 [0.10-0.41]	.020 0.51	6	.250	.281	.612	.719	Yellow	.082 2.08	323011	2-323011-2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

*Available in small packaging quantities.

¹Insulation — Vinyl.

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

Hook Tongue Terminals



Material
Insulation -Nylon except where noted.
Terminal Body and Metallic Sleeve -Copper per ASTM B-152
Plating -Tin per ASTM B-545

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

Wire Size Circular Mills [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions				Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers	
			W	C Min.	E Max.	L Max.			Loose Piece	Tape Mounted
22-16 509-3,260 [0.26-1.65]	0.84 .033	6	.281	.203	.607	.750	Red	.140 3.56	34313*	—
		M3.5	7.14	5.16	15.42	19.05				
16-14 2,050-5,180 [1.04-2.62]	.033 0.84	8	.343	.296	.705	.879	Red	.140 3.56	32456	—
		M4	8.71	7.52	17.91	22.33				
		6	.343	.281	.685	.859	Blue	.150 3.81	320381	2-320381-1
		M3.5	8.71	7.14	17.40	21.82				
8	.343	M4	8.71	7.14	17.40	21.82	Blue	.170 4.32	320306*	2-320306-1

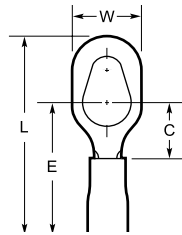
*Available in small packaging quantities.

¹Insulation — Vinyl.

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

PIDG Terminals and Splices (Continued)

Multiple Stud Terminals



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

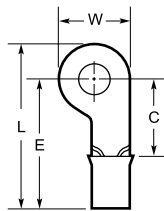
Related Product Data
Insulation Color Code -pg. 4
Packaging Quantities -pg. 4
Performance Specifications -pgs. 4 & 5
Application Tooling -pg. 66

Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions				Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers	
			W	C Min.	E Max.	L Max.			Loose Piece	Tape Mounted
22-16 509-3,260 [0.26-1.65]	.033 0.84	6-8-10	.325 8.26	.281 7.14	.685 17.40	.957 24.31	Red	.125 3.18	54771-1*	54771-2
12-10 5,180-13,100 [2.62-6.64]	.042 1.07	6-8-10	.325 8.26	.302 7.67	.893 22.68	1.165 29.59	Yellow	.230 5.84	54773-1*	—

*Available in small packaging quantities.

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

Offset Ring Tongue Terminals



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

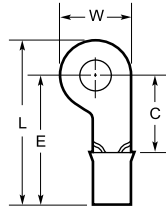
Related Product Data
Insulation Color Code -pg. 4
Packaging Quantities -pg. 4
Performance Specifications -pgs. 4 & 5
Application Tooling -pg. 66

Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions				Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers
			W	C Min.	E Max.	L Max.			Loose Piece
22-16 509-3,260 [0.26-1.65]	.033 0.84	6	.375 9.53	.312 7.92	.716 18.19	.906 23.01	Red	.125 3.18	323039
		M3.5	.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	.375 9.53	.312 7.92	.716 18.19	.906 23.01	Blue	.150 3.81	323817
		10	.375 9.53	.312 7.92	.716 18.19	.906 23.01	Blue	.150 3.81	323818

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

PIDG Terminals and Splices (Continued)

Offset Ring Tongue Terminals
(Insulation Restricting)



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

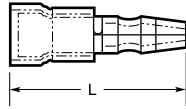
Related Product Data
Insulation Color Code -pg. 4
Packaging Quantities -pg. 4
Performance Specifications - pgs. 4 & 5
Application Tooling -pg. 66

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

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

PIDG Terminals and Splices (Continued)

SHUR-PLUG Terminal



.156 Series

Material

Insulation -Nylon, UL 94V-2

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

Plating -Tin per ASTM B-545

Related Product Data

Insulation Color Code -pg. 4

Packaging Quantities -pg. 4

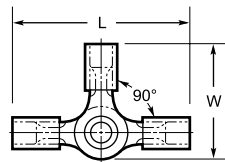
Performance Specifications - pgs. 4 & 5

Application Tooling-pg. 66

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

*Available in small packaging quantities.

3-Way Connector Terminal



Material

Insulation -Nylon, UL 94V-2

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

Rivet -Brass per QQ-B-626

Plating -Tin per ASTM B-545

Related Product Data

Insulation Color Code -pg. 4

Packaging Quantities -pg. 4

Performance Specifications - pgs. 4 & 5

Application Tooling-pg. 66

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

*Available in small packaging quantities.

PIDG Terminals and Splices (Continued)

Tabs

Material

Insulation -Nylon, UL 94V-2

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

Plating -Tin per ASTM B-545

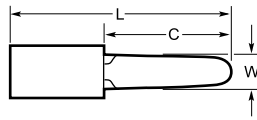
Related Product Data

Insulation Color Code -pg. 4

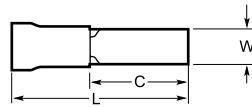
Packaging Quantities -pg. 4

Performance Specifications - pgs. 4 & 5

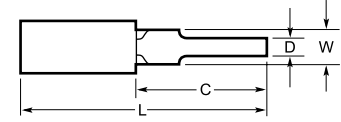
Application Tooling -pg. 66



Style A



Style B



Style C

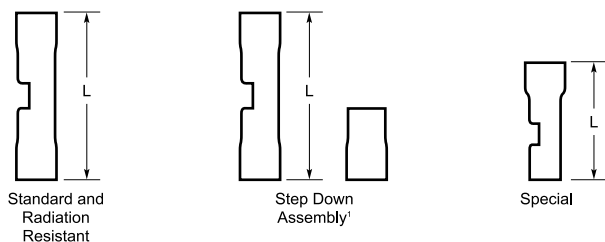
Wire Size Circular Mils [mm ²]	Tongue Material Thickness Max.	Style	Dimensions				Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers Loose Piece
			W	C Min.	L Max.	D			
22-16 509-3,260 [0.26-1.65]	.033 0.84	A	.140 3.56	.480 12.19	.904 22.96	—	Red .140 3.56	34294*	
16-14 2,050-5,180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

*Available in small packaging quantities.

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

PIDG Terminals and Splices (Continued)

Butt Splices



Material

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

Splice Body and Insulation Support Sleeve - Copper per ASTM B-152

Plating - Tin per ASTM B-545

Related Product Data

Insulation Color Code -pg. 4

Packaging Quantities -pg. 4

Performance Specifications - pgs. 4 & 5

Application Tooling -pg. 66

Wire Size Circular Mils ² [mm ²]	Style	Dimension L Max.	Splice Insulation Color	Wire Insulation Diameter Max.	Part Numbers	
					Loose Piece	Tape Mounted
26-24 ³ 238-475 [0.12-0.24]	Standard	.890 22.61	Yellow	.082 2.08	323994	2-323994-1
26-22 202-810 [0.10-0.41]		.890 22.61	Yellow	.082 2.08	2-323994-2*	—
24-20 320-1,290 [0.16-0.65]		1.035 26.29	Natural	.100 2.54	323975	2-323975-3
22-16 ⁴ 509-3,260 [0.26-1.65]		1.265 32.13	Red	.125 3.18	320559*	2-320559-4
16-14 2,050-5,180 [1.04-2.62]		1.265 32.13	Blue	.150 3.81	320562*	2-320562-3
12-10 5,180-13,100 [2.62-6.64]		1.656 42.06	Yellow	.220 5.59	320570*	2-320570-3 ¹
16-14 2,050-5,180 [1.04-2.62]	22-18 509-1,900 [0.26-0.96]	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]	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]	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.

¹Includes adapter insert.

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

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

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

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

¹AMP-TAPETRONIC machine tools only.

PIDG Terminals and Splices (Continued)

Butt Splice Step Down Adapter Inserts¹



Material
Adapter Body -Copper per ASTM B-152
Plating -Zinc Plate/ DyeChromate

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

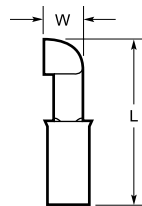
Butt Splice		Adapter Insert			
Wire Size Circular Mils [mm ²]	Part No.	Wire Size Circular Mils [mm ²]	Dimension L	Color Code	Part Numbers
16-14 2,050-5,180 [1.04-2.62]	320562	22-18 509-1,900 [0.26-0.96]	.350 8.89	Red	1-327635-1
			.402 10.21	Red	327635*
12-10 5,180-13,100 [2.62-6.64]	320570	22-18 509-1,900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

*Available in small packaging quantities.

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

PIDG Terminals and Splices

Knife Disconnect Splices



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

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

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

*Available in small packaging quantities.