

### Insulated Terminals and Splices

#### PIDG (Pre-Insulated DIAMOND GRIP) Ring Tongue Terminals

##### Temperature Rating, Material and Finish

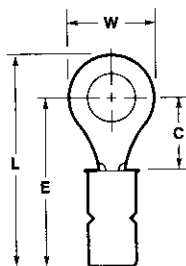
Insulation — TEFLON

Terminal Body — Copper per  
ASTM B152

Plating — Nickel per QQ-N-290,  
550°F [288°C]. Gold per MIL-G-  
45204 over Nickel per QQ-N-290  
500°F [260°C]

Metallic Sleeve — Copper per  
ASTM B152

Plating — Nickel per QQ-N-290,  
550°F [288°C]



##### Related Product Data

Application Tooling — pages 9022  
and 9023

Wire Size Circular Mils [mm <sup>2</sup> ]	Tongue Material Thickness Max.	Stud Size	Dimensions				Terminal Insulation Color	Wire Insulation Diameter Max.	Body Plating <sup>1</sup>	Part Number Loose Piece
			W	C Min.	E Max.	L Max.				
18-16 1,600-2,800 [0.81-1.42]	.033 0.84	4	.218 5.54	.156 3.96	.560 14.22	.672 17.07	Orange	.135 3.43	Nickel	50834
		8 M4	.312 7.92	.281 7.14	.685 17.40	.844 21.44	Orange	.135 3.43	Nickel	50836
		10	.312 7.92	.281 7.14	.685 17.40	.844 21.44	Orange	.135 3.43	Nickel	50836-1
12-10 5,180-13,100 [2.62-6.64]	.042 1.07	8 M4	.375 9.53	.302 7.67	.893 22.68	1.083 27.51	Black	.214 5.44	Nickel	50845-1
		10	.375 9.53	.302 7.67	.893 22.68	1.083 27.51	Black	.214 5.44	Nickel	50845-2
		1/4 M6	.531 13.49	.437 11.10	1.012 25.70	1.280 32.51	Black	.214 5.44	Nickel	50846

<sup>1</sup> Nickel plated parts are to be used with nickel plated wire. Gold plated parts are to be used with silver plated wire.

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

#### Pre-Insulated Spare Wire Caps (For Unstripped Wire)

##### Temperature Rating, Material and Finish

Insulation — TEFLON

Ring — Copper per ASTM B152

Plating — Nickel per QQ-N-290,  
550°F [288°C]

##### Related Product Data

Application Tooling — shown to the  
right



Tool Part Number  
69272-1

Wire Insulation Diameter Range	Dimension L Max.	Ring Color	Tool Color Guide	Part Number
.075 - .087 1.91 - 2.21	.500 12.70	Black and Orange	Orange	328859