

Electronics

DIAMOND GRIP Heat Resistant Ring Tongue Terminals

Temperature Rating, Material and Finish

Terminal Body — Copper per
ASTM B152

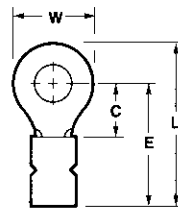
Plating — Nickel per QQ-N-290,
650°F [343°C]

Metallic Sleeve — Nickel Silver per
ASTM B122

Related Product Data

Application Tooling — pages 9022
and 9023

Uninsulated Terminals and Splices (Continued)

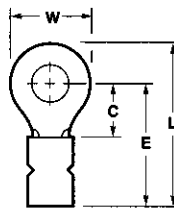


Insulation Support

Wire Size Circular Mills [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions				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	4	.218	.156	.512	.624	.140	322363	—
			5.54	3.96	13.00	15.85	3.56		
		6	.218	.156	.530	.645	.110	323151	—
			5.54	3.96	13.46	16.38	2.79		
		M3.5	.281	.250	.611	.749	.140	323199	—
			7.14	6.35	15.52	19.02	3.56		
		8	.281	.250	.611	.749	.140	322365	—
			7.14	6.35	15.52	19.02	3.56		
		M4	.281	.250	.629	.770	.110	323152	—
			7.14	6.35	15.98	19.56	2.79		
		10	.281	.250	.611	.749	.140	322366	—
			7.14	6.35	15.52	19.02	3.56		
10	.281	.250	.629	.770	.110	323153	—		
	7.14	6.35	15.98	19.56	2.79				
16-14 2,050-5,180 [1.04-2.62]	.033 0.84	10	.343	.281	.637	.811	.170	322375	—
			8.71	7.14	16.18	20.60	4.32		
10	.343	.281	.659	.836	.130	323161	—		
	8.71	7.14	16.74	21.23	3.30				
12-10 5,180-13,100 [2.62-6.64]	.042 1.07	6	.375	.302	.841	1.034	.230	323066	—
			9.53	7.67	21.36	26.26	5.84		
M3.5	.375	.302	.841	1.034	.230	323068	323068-1		
	9.53	7.67	21.36	26.26	5.84				
1/4 M6	.042 1.07	10	.375	.302	.841	1.034	.230	323068	323068-1
			9.53	7.67	21.36	26.26	5.84		
1/4 M6	.042 1.07	1/4 M6	.531	.468	1.002	1.273	.230	323069	—
			13.49	11.89	25.45	32.33	5.84		

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

DIAMOND GRIP High Temperature Ring Tongue Terminals



Insulation Support

Temperature Rating and Material

Terminal Body — See table, 1200°F
[649°C], Nickel per ASTM B162,
Alumel —, Chromel —

Metallic Sleeve — Nickel Silver per
ASTM B122

Related Product Data

Application Tooling — pages 9021
and 9022

Wire Size Circular Mills [mm ²]	Tongue Material Thickness Max.	Stud Size	Dimensions				Body Material	Sleeve Color Code	Wire Insulation Diameter Max.	Part Number Loose Piece
			W	C Min.	E Max.	L Max.				
22-16 509-3,260 [0.26-1.65]	.033 0.84	6	.281	.250	.611	.749	Nickel	Orange	.140	321892
			7.14	6.35	15.52	19.02				
		M3.5	.281	.250	.611	.749	Nickel	Orange	.140	321893
			7.14	6.35	15.52	19.02				
		8	.312	.281	.637	.796	Nickel	Orange	.140	321897
			7.92	7.14	16.18	20.22				
		M4	.312	.281	.637	.796	Chromel	Gray	.140	1-321897-0
			7.92	7.14	16.18	20.22				
		10	.281	.250	.611	.749	Nickel	Orange	.140	321894
			7.14	6.35	15.52	19.02				
		10	.312	.281	.637	.796	Nickel	Orange	.140	321898
			7.92	7.14	16.18	20.22				
10	.312	.281	.637	.796	Alumel	Green	.140	1-321898-0		
	7.92	7.14	16.18	20.22						
1/4 M6	.042 1.07	1/4 M6	.468	.437	.793	1.031	Nickel	Orange	.140	322320
			11.89	11.10	20.14	26.19				

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