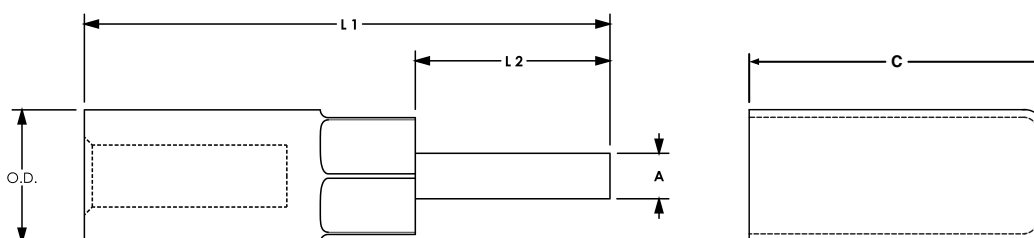


Bi-Metallic Terminal Plugs

Type TPC

- Body is manufactured from high strength aluminum alloy
- Pigtail is manufactured from high conductivity copper
- Entire connector is electro-tin plated for corrosion resistance
- Designed to facilitate the termination of aluminum, copper, and diesel locomotive conductors to a copper or aluminum/copper rated mechanical lug
- Barrel is pre-filled with oxide inhibitor to seal out moisture and minimize conductor oxidation
- Insulating covers are supplied with each connector and are rated 600 V
- Connector is marked with catalog number, die index, color code and required number of crimps
- Rated for 600 V, 90°C applications



CATALOG NUMBER	COPPER AND ALUMINUM CONDUCTOR SIZE	DIESEL LOCOMOTIVE CONDUCTOR STRANDING	EQUIVALENT PIN SIZE	FIGURE DIMENSIONS (IN.)					DIE COLOR CODE	INSTALLATION TOOLING	
				A	O.D.	L1	L2	C		PENN-UNION DIE CATALOG NO.	BURNDY DIE INDEX NO.
TPC-6	6 Str.	61/24	#8 AWG	.14	.60	2.13	0.88	3.07	Orange	T-14	14
TPC-4	4 Str.	105/24	#6 AWG	.19	.60	2.56	.91	3.07			
TPC-2	2 Str.	125/24	#4 AWG	.23	.60	2.46	.93	3.07			
TPC-1	1 Str.	150/24	#3 AWG	.28	.60	2.54	1.01	3.07			
TPC-1/0*	1/0 Str.	225/24	#2 AWG	.29	.85	3.41	1.26	3.15	Red	T-324	324
TPC-2/0	2/0 Str.	275/24	#1 AWG	.32	.85	3.34	1.25	3.15			
TPC-3/0	3/0 Str.	325/24	1/0 AWG	.36	.85	3.60	1.46	3.15			
TPC-4/0	4/0 Str.	450/24	2/0 AWG	.40	.85	3.52	1.46	3.15			
TPC-250	250 kcmil	550/24	3/0 AWG	.44	1.10	3.86	1.55	3.55	Brown	T-299	299
TPC-300	300 kcmil	650/24	4/0 AWG	.52	1.10	4.09	1.70	3.55			
TPC-350	350 kcmil	775/24	4/0 AWG	.50	1.10	4.09	1.71	3.55	Pink	T-300	300
TPC-400	400 kcmil	925/24	250 kcmil	.58	1.32	4.36	1.98	3.74			
TPC-500	500 kcmil	1100/24	350 kcmil	.68	1.32	4.19	1.84	3.74	Yellow	T-936	936
TPC-600	600 kcmil	1325/24	350 kcmil	.69	1.46	4.95	1.90	4.14			
TPC-750	750 kcmil	1600/24	500 kcmil	.79	1.46	5.01	2.00	4.14			