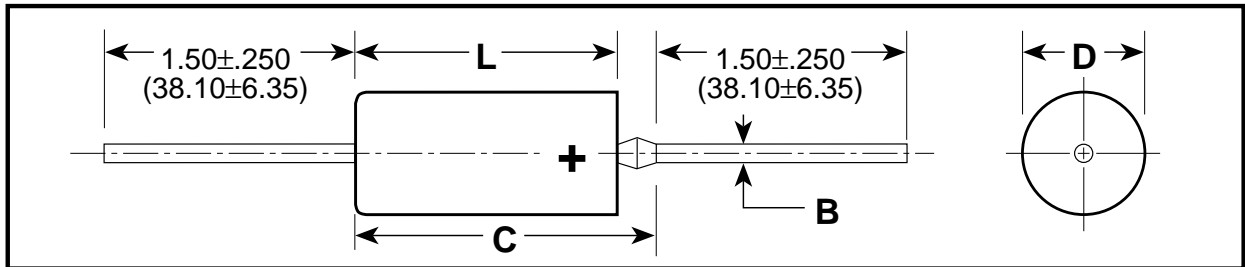


KEMET's T262 (CSR21) per MIL-C-39003/09 hermetically sealed solid tantalum capacitors are similar to KEMET's popular T212 (CSR13 per MIL-PRF-39003/01) capacitors shown on page 6, but offer higher ripple current handling capability and exhibit exceptionally low Equivalent Series Resistance (ESR).

The T262 Series is ideal for filtering applications and in military power supplies where low ESR is essential. T262s are 100% surge current tested and their dissipation factor is screened at 1kHz. Available in C & D case sizes only, 5.6 to 330 μ F, 6 to 50 VDC.

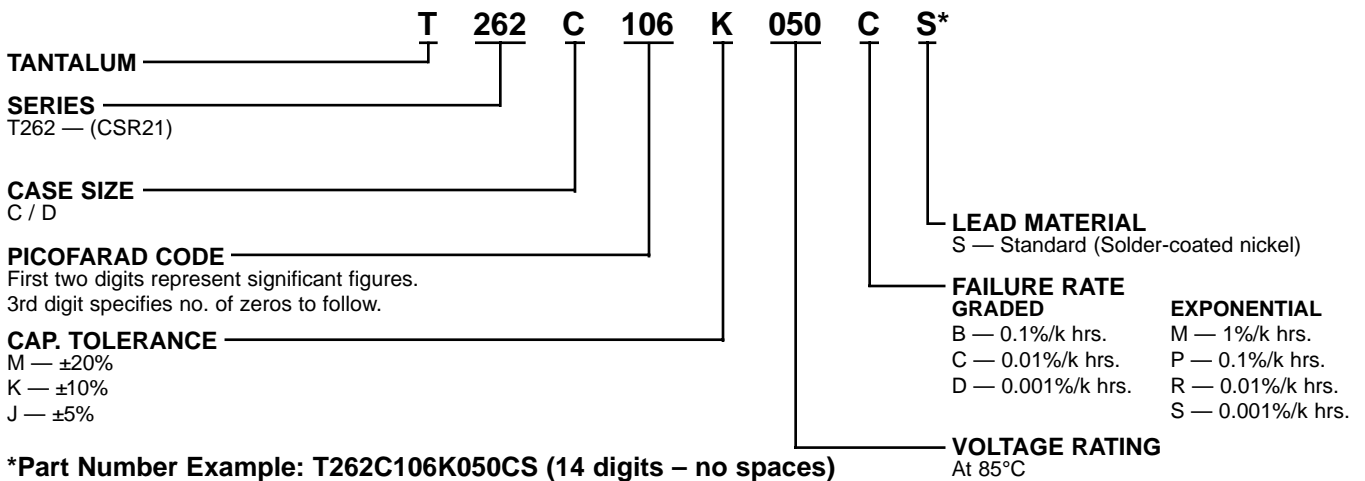
CAPACITOR OUTLINE DRAWINGS



DIMENSIONS — INCHES & (MILLIMETERS)

CASE SIZE	UNINSULATED		INSULATED		B ± 0.002 ($\pm .05$)	C MAX.
	D ± 0.005 ($\pm .13$)	L ± 0.031 ($\pm .79$)	D ± 0.010 ($\pm .25$)	L ± 0.031 ($\pm .79$)		
C	0.279 (7.09)	0.650 (16.51)	0.289 (7.34)	0.686 (17.42)	0.025 (.64)	0.822 (20.88)
D	0.341 (8.66)	0.750 (19.05)	0.351 (8.92)	0.786 (19.96)	0.025 (.64)	0.922 (23.42)

ORDERING INFORMATION



For Military Marking Information, see page 4.

RATINGS & PART NUMBER REFERENCE

CAPACITANCE µF	CASE SIZE	CAPACITANCE TOLERANCE ±%	KEMET T262 SERIES				MIL-PRF-39003/09 (CSR21) CAPACITORS								KEMET EQUIVALENT MILITARY PART NUMBER
			D.C. LEAKAGE µA@25°C MAX.	MAX. DISSI- PATION FACTOR %@25°C, 1 kHz	MAX. ESR Ω@25°C, 100 kHz	MAX. RIPPLE CURRENT Arms@25°C 40 kHz	DASH NUMBER REFERENCE FAILURE RATE LEVEL (%/1000 HRS.)								
							MIL-PRF-39003/9D EXPONENTIAL				MIL-PRF-39003/9D GRADED				
							M (1.0)	P (0.1)	R (0.01)	S (0.001)	B (0.1)	C (0.01)	D (0.001)		
6 VOLT RATING AT 85°C — 4 VOLT RATING AT 125°C															
150.0	C	5	4.5	10	.065	3.3	0001	0101	0201	0301	2001	3001	4001	T262C157J006(1)S	
150.0	C	10	4.5	10	.065	3.3	0002	0102	0202	0302	2002	3002	4002	T262C157K006(1)S	
150.0	C	20	4.5	10	.065	3.3	0003	0103	0203	0303	2003	3003	4003	T262C157M006(1)S	
180.0	C	5	5.5	10	.060	3.4	0004	0104	0204	0304	2004	3004	4004	T262C187J006(1)S	
180.0	C	10	5.5	10	.060	3.4	0005	0105	0205	0305	2005	3005	4005	T262C187K006(1)S	
270.0	D	5	6.5	10	.050	4.1	0006	0106	0206	0306	2006	3006	4006	T262D277J006(1)S	
270.0	D	10	6.5	10	.050	4.1	0007	0107	0207	0307	2007	3007	4007	T262D277K006(1)S	
330.0	D	5	7.5	12	.045	4.3	0008	0108	0208	0308	2008	3008	4008	T262D337J006(1)S	
330.0	D	10	7.5	12	.045	4.3	0009	0109	0209	0309	2009	3009	4009	T262D337K006(1)S	
330.0	D	20	7.5	12	.045	4.3	0010	0110	0210	0310	2010	3010	4010	T262D337M006(1)S	
10 VOLT RATING AT 85°C — 7 VOLT RATING AT 125°C															
82.0	C	5	4.0	8	.085	2.9	0011	0111	0211	0311	2011	3011	4011	T262C826J010(1)S	
82.0	C	10	4.0	8	.085	2.9	0012	0112	0212	0312	2012	3012	4012	T262C826K010(1)S	
100.0	C	5	5.0	8	.075	3.0	0013	0113	0213	0313	2013	3013	4013	T262C107J010(1)S	
100.0	C	10	5.0	8	.075	3.0	0014	0114	0214	0314	2014	3014	4014	T262C107K010(1)S	
100.0	C	20	5.0	8	.075	3.0	0015	0115	0215	0315	2015	3015	4015	T262C107M010(1)S	
120.0	C	5	6.0	8	.070	3.2	0016	0116	0216	0316	2016	3016	4016	T262C127J010(1)S	
120.0	C	10	6.0	8	.070	3.2	0017	0117	0217	0317	2017	3017	4017	T262C127K010(1)S	
180.0	D	5	9.0	8	.060	3.7	0018	0118	0218	0318	2018	3018	4018	T262D187J010(1)S	
180.0	D	10	9.0	8	.060	3.7	0019	0119	0219	0319	2019	3019	4019	T262D187K010(1)S	
220.0	D	5	10.0	10	.055	3.9	0020	0120	0220	0320	2020	3020	4020	T262D227J010(1)S	
220.0	D	10	10.0	10	.055	3.9	0021	0121	0221	0321	2021	3021	4021	T262D227K010(1)S	
220.0	D	20	10.0	10	.055	3.9	0022	0122	0222	0322	2022	3022	4022	T262D227M010(1)S	
15 VOLT RATING AT 85°C — 10 VOLT RATING AT 125°C															
56.0	C	5	4.0	6	.100	2.6	0023	0123	0223	0323	2023	3023	4023	T262C566J015(1)S	
56.0	C	10	4.0	6	.100	2.6	0024	0124	0224	0324	2024	3024	4024	T262C566K015(1)S	
68.0	C	5	5.0	6	.095	2.7	0025	0125	0225	0325	2025	3025	4025	T262C686J015(1)S	
68.0	C	10	5.0	6	.095	2.7	0026	0126	0226	0326	2026	3026	4026	T262C686K015(1)S	
68.0	C	20	5.0	6	.095	2.7	0027	0127	0227	0327	2027	3027	4027	T262C686M015(1)S	
120.0	D	5	9.0	8	.070	3.5	0028	0128	0228	0328	2028	3028	4028	T262D127J015(1)S	
120.0	D	10	9.0	8	.070	3.5	0029	0129	0229	0329	2029	3029	4029	T262D127K015(1)S	
150.0	D	5	10.0	8	.065	3.6	0030	0130	0230	0330	2030	3030	4030	T262D157J015(1)S	
150.0	D	10	10.0	8	.065	3.6	0031	0131	0231	0331	2031	3031	4031	T262D157K015(1)S	
150.0	D	20	10.0	8	.065	3.6	0032	0132	0232	0332	2032	3032	4032	T262D157M015(1)S	
20 VOLT RATING AT 85°C — 13 VOLT RATING AT 125°C															
27.0	C	5	2.5	5	.145	2.2	0033	0133	0233	0333	2033	3033	4033	T262C276J020(1)S	
27.0	C	10	2.5	5	.145	2.2	0034	0134	0234	0334	2034	3034	4034	T262C276K020(1)S	
33.0	C	5	3.5	5	.130	2.3	0035	0135	0235	0335	2035	3035	4035	T262C336J020(1)S	
33.0	C	10	3.5	5	.130	2.3	0036	0136	0236	0336	2036	3036	4036	T262C336K020(1)S	
33.0	C	20	3.5	5	.130	2.3	0037	0137	0237	0337	2037	3037	4037	T262C336M020(1)S	
39.0	C	5	4.0	5	.120	2.4	0038	0138	0238	0338	2038	3038	4038	T262C396J020(1)S	
39.0	C	10	4.0	5	.120	2.4	0039	0139	0239	0339	2039	3039	4039	T262C396K020(1)S	
47.0	C	5	4.5	6	.110	2.5	0040	0140	0240	0340	2040	3040	4040	T262C476J020(1)S	
47.0	C	10	4.5	6	.110	2.5	0041	0141	0241	0341	2041	3041	4041	T262C476K020(1)S	
47.0	C	20	4.5	6	.110	2.5	0042	0142	0242	0342	2042	3042	4042	T262C476M020(1)S	
56.0	D	5	5.5	6	.100	2.9	0043	0143	0243	0343	2043	3043	4043	T262D566J020(1)S	
56.0	D	10	5.5	6	.100	2.9	0044	0144	0244	0344	2044	3044	4044	T262D566K020(1)S	
68.0	D	5	7.0	6	.095	3.0	0045	0145	0245	0345	2045	3045	4045	T262D686J020(1)S	
68.0	D	10	7.0	6	.095	3.0	0046	0146	0246	0346	2046	3046	4046	T262D686K020(1)S	
68.0	D	20	7.0	6	.095	3.0	0047	0147	0247	0347	2047	3047	4047	T262D686M020(1)S	
82.0	D	5	8.0	6	.085	3.1	0048	0148	0248	0348	2048	3048	4048	T262D826J020(1)S	
82.0	D	10	8.0	6	.085	3.1	0049	0149	0249	0349	2049	3049	4049	T262D826K020(1)S	
100.0	D	5	10.0	8	.075	3.3	0050	0150	0250	0350	2050	3050	4050	T262D107J020(1)S	
100.0	D	10	10.0	8	.075	3.3	0051	0151	0251	0351	2051	3051	4051	T262D107K020(1)S	
100.0	D	20	10.0	8	.075	3.3	0052	0152	0252	0352	2052	3052	4052	T262D107M020(1)S	

(1) To complete the T262 Series Part Number, insert Failure Rate Symbol in the 13th Character as shown on Page 34.

T262 Series Tantalum
Hermetically Sealed

RATINGS & PART NUMBER REFERENCE

CAPACITANCE μF	CASE SIZE	CAPACITANCE TOLERANCE ±%	KEMET T262 SERIES				MIL-PRF-39003/09 (CSR21) CAPACITORS							KEMET EQUIVALENT MILITARY PART NUMBER
			D.C. LEAKAGE μA@25°C MAX.	MAX. DISSI- PATION FACTOR %@25°C, 1 kHz	MAX. ESR Ω@25°C, 100 kHz	MAX. RIPPLE CURRENT Arms@25°C 40 kHz	DASH NUMBER REFERENCE FAILURE RATE LEVEL (%/1000 HRS.)							
							MIL-PRF-39003/9D EXPONENTIAL				MIL-PRF-39003/9D GRADED			
							M (1.0)	P (0.1)	R (0.01)	S (0.001)	B (0.1)	C (0.01)	D (0.001)	
35 VOLT RATING AT 85°C — 23 VOLT RATING AT 125°C														
22.0	C	5	4.0	4	.160	2.1	0053	0153	0253	0353	2053	3053	4053	T262C226J035(1)S
22.0	C	10	4.0	4	.160	2.1	0054	0154	0254	0354	2054	3054	4054	T262C226K035(1)S
22.0	C	20	4.0	4	.160	2.1	0055	0155	0255	0355	2055	3055	4055	T262C226M035(1)S
27.0	D	5	4.5	4	.145	2.4	0056	0156	0256	0356	2056	3056	4056	T262D276J035(1)S
27.0	D	10	4.5	4	.145	2.4	0057	0157	0257	0357	2057	3057	4057	T262D276K035(1)S
33.0	D	5	5.5	5	.130	2.5	0058	0158	0258	0358	2058	3058	4058	T262D336J035(1)S
33.0	D	10	5.5	5	.130	2.5	0059	0159	0259	0359	2059	3059	4059	T262D336K035(1)S
33.0	D	20	5.5	5	.130	2.5	0060	0160	0260	0360	2060	3060	4060	T262D336M035(1)S
39.0	D	5	7.0	5	.120	2.6	0061	0161	0261	0361	2061	3061	4061	T262D396J035(1)S
39.0	D	10	7.0	5	.120	2.6	0062	0162	0262	0362	2062	3062	4062	T262D396K035(1)S
47.0	D	5	8.0	5	.110	2.7	0063	0163	0263	0363	2063	3063	4063	T262D476J035(1)S
47.0	D	10	8.0	5	.110	2.7	0064	0164	0264	0364	2064	3064	4064	T262D476K035(1)S
47.0	D	20	8.0	5	.110	2.7	0065	0165	0265	0365	2065	3065	4065	T262D476M035(1)S
50 VOLT RATING AT 85°C — 33 VOLT RATING AT 125°C														
5.6	C	5	2.2	3	.300	1.5	0066	0166	0266	0366	2066	3066	4066	T262C565J050(1)S
5.6	C	10	2.2	3	.300	1.5	0067	0167	0267	0367	2067	3067	4067	T262C565K050(1)S
6.8	C	5	2.2	3	.275	1.6	0068	0168	0268	0368	2068	3068	4068	T262C685J050(1)S
6.8	C	10	2.2	3	.275	1.6	0069	0169	0269	0369	2069	3069	4069	T262C685K050(1)S
6.8	C	20	2.2	3	.275	1.6	0070	0170	0270	0370	2070	3070	4070	T262C685M050(1)S
8.2	C	5	2.5	3	.250	1.6	0071	0171	0271	0371	2071	3071	4071	T262C825J050(1)S
8.2	C	10	2.5	3	.250	1.6	0072	0172	0272	0372	2072	3072	4072	T262C825K050(1)S
10.0	C	5	2.5	3	.230	1.7	0073	0173	0273	0373	2073	3073	4073	T262C106J050(1)S
10.0	C	10	2.5	3	.230	1.7	0074	0174	0274	0374	2074	3074	4074	T262C106K050(1)S
10.0	C	20	2.5	3	.230	1.7	0075	0175	0275	0375	2075	3075	4075	T262C106M050(1)S
12.0	C	5	3.0	3	.210	1.8	0076	0176	0276	0376	2076	3076	4076	T262C126J050(1)S
12.0	C	10	3.0	3	.210	1.8	0077	0177	0277	0377	2077	3077	4077	T262C126K050(1)S
15.0	C	5	4.0	3	.190	1.9	0078	0178	0278	0378	2078	3078	4078	T262C156J050(1)S
15.0	C	10	4.0	3	.190	1.9	0079	0179	0279	0379	2079	3079	4079	T262C156K050(1)S
15.0	C	20	4.0	3	.190	1.9	0080	0180	0280	0380	2080	3080	4080	T262C156M050(1)S
18.0	C	5	4.5	4	.175	2.0	0081	0181	0281	0381	2081	3081	4081	T262C186J050(1)S
18.0	C	10	4.5	4	.175	2.0	0082	0182	0282	0382	2082	3082	4082	T262C186K050(1)S
22.0	D	5	5.5	4	.160	2.3	0083	0183	0283	0383	2083	3083	4083	T262D226J050(1)S
22.0	D	10	5.5	4	.160	2.3	0084	0184	0284	0384	2084	3084	4084	T262D226K050(1)S
22.0	D	20	5.5	4	.160	2.3	0085	0185	0285	0385	2085	3085	4085	T262D226M050(1)S

(1) To complete the T262 Series Part Number, insert Failure Rate Symbol in the 13th Character as shown on Page 34.