



TANTALUM HERMETICALLY SEALED / AXIAL — MIL-PRF-39003

T140 SERIES — POLAR TYPE & T242 (CSR23)

RATINGS & PART NUMBER REFERENCE

CAPACITANCE μF	CASE SIZE	CAPACITANCE TOLERANCE ±%	KEMET T140			MIL-PRF-39003 (CSR23) CAPACITORS								KEMET EQUIVALENT MILITARY PART NUMBER
			KEMET PART NUMBER	D.C. LEAKAGE μA@25°C MAX.	MAX. DISSIPATION FACTOR %@25°C, 120Hz	DASH NUMBER REFERENCE FAILURE RATE LEVEL (%/1000 HRS.)								
						MIL-PRF-39003/3F EXPONENTIAL								
						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														
1.2	A	10, 20	T140A125(1)035AS	0.6	4									
1.5	A	10, 20	T140A155(1)035AS	0.8	4									
1.8	A	10	T140A185K035AS	1.0	4	0164	0264	0364	0464	2064	3064	4064	T242A185K035(2)S	
1.8	A	20	T140A185M035AS	1.0	4									
8.2	B	10	T140B825K035AS	3.0	4	0165	0265	0365	0465	2065	3065	4065	T242B825K035(2)S	
8.2	B	20	T140B825M035AS	3.0	4									
10.0	B	10	T140B106K035AS	3.0	4	0166	0266	0366	0466	2066	3066	4066	T242B106K035(2)S	
10.0	B	20	T140B106M035AS	3.0	4	0167	0267	0367	0467	2067	3067	4067	T242B106M035(2)S	
27.0	C	10, 20	T140C276(1)035AS	7.0	6									
33.0	C	10	T140C336K035AS	8.0	6	0168	0268	0368	0468	2068	3068	4068	T242C336K035(2)S	
33.0	C	20	T140C336M035AS	8.0	6	0169	0269	0369	0469	2069	3069	4069	T242C336M035(2)S	
39.0	C	10	T140C396K035AS	10.0	6	0170	0270	0370	0470	2070	3070	4070	T242C396K035(2)S	
39.0	C	20	T140C396M035AS	10.0	6									
47.0	C	10	T140C476K035AS	10.0	6	0171	0271	0371	0471	2071	3071	4071	T242C476K035(2)S	
47.0	C	20	T140C476M035AS	10.0	6	0172	0272	0372	0472	2072	3072	4072	T242C476M035(2)S	
56.0	D	10	T140D566K035AS	12.0	6	0173	0273	0373	0473	2073	3073	4073	T242D566K035(2)S	
56.0	D	20	T140D566M035AS	12.0	6									
68.0	D	10	T140D686K035AS	12.0	6	0174	0274	0374	0474	2074	3074	4074	T242D686K035(2)S	
68.0	D	20	T140D686M035AS	12.0	6	0175	0275	0375	0475	2075	3075	4075	T242D686M035(2)S	
82.0	D	10, 20	T140D826(1)035AS	20.0	8									
100.0	D	10, 20	T140D107(1)035AS	20.0	8									
50 VOLT RATING AT 85°C — 33 VOLT RATING AT 125°C														
1.2	A	10	T140A125K050AS	0.6	4	0176	0276	0376	0476	2076	3076	4076	T242A125K050(2)S	
1.2	A	20	T140A125M050AS	0.6	4									
1.5	A	10	T140A155K050AS	0.8	4	0177	0277	0377	0477	2077	3077	4077	T242A155K050(2)S	
1.5	A	20	T140A155M050AS	0.8	4	0178	0278	0378	0478	2078	3078	4078	T242A155M050(2)S	
5.6	B	10	T140B565K050AS	2.5	4	0179	0279	0379	0479	2079	3079	4079	T242B565K050(2)S	
5.6	B	20	T140B565M050AS	2.5	4									
6.8	B	10	T140B685K050AS	2.5	4	0180	0280	0380	0480	2080	3080	4080	T242B685K050(2)S	
6.8	B	20	T140B685M050AS	2.5	4	0181	0281	0381	0481	2081	3081	4081	T242B685M050(2)S	
22.0	C	10	T140C226K050AS	7.0	6	0182	0282	0382	0482	2082	3082	4082	T242C226K050(2)S	
22.0	C	20	T140C226M050AS	7.0	6	0183	0283	0383	0483	2083	3083	4083	T242C226M050(2)S	
27.0	C	10	T140C276K050AS	8.0	6	0184	0284	0384	0484	2084	3084	4084	T242C276K050(2)S	
27.0	C	20	T140C276M050AS	8.0	6									
33.0	D	10	T140D336K050AS	10.0	6	0185	0285	0385	0485	2085	*	*	T242D336K050(2)S	
33.0	D	20	T140D336M050AS	10.0	6	0186	0286	0386	0486	2086	*	*	T242D336M050(2)S	
39.0	D	10	T140D396K050AS	10.0	6	0187	0287	0387	0487	2087	*	*	T242D396K050(2)S	
39.0	D	20	T140D396M050AS	10.0	6									
47.0	D	20	T140D476M050AS	10.0	6									
60 VOLT RATING AT 85°C — 40 VOLT RATING AT 125°C														
0.82	A	10, 20	T140A824(1)060AS	0.5	4									
1.0	A	10, 20	T140A105(1)060AS	0.5	4									
4.7	B	10, 20	T140B475(1)060AS	3.0	4									
5.6	B	10, 20	T140B565(1)060AS	3.0	4									
15.0	C	10, 20	T140C156(1)060AS	5.0	6									
18.0	C	10, 20	T140C186(1)060AS	6.0	6									
22.0	C	10, 20	T140C226(1)060AS	7.0	6									
27.0	D	10, 20	T140D276(1)060AS	10.0	6									
33.0	D	10, 20	T140D336(1)060AS	10.0	6									

(1) To complete T140 Series Part Number, insert Capacitance Tolerance Symbol in the 9th Character as shown on Page 6.

(2) To complete the T242 Series Part Number, insert Failure Rate Symbol in the 13th Character.

*Note: C Failure Rate not QPL for -3085 thru 3087

D Failure Rate not QPL for -4085 thru 4087

Bold Face lines indicate popular part types and values.