

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				MIL-PRF-39003/3F GRADED				
						M (1.0)	P (0.1)	R (0.01)	S (0.001)	B (0.1)	C (0.01)	D (0.001)		
20 VOLT RATING AT 85°C — 13 VOLT RATING AT 125°C														
2.7	A	10	T140A275K020AS	0.8	4	0146	0246	0346	0446	2046	3046	4046	T242A275K020(2)S	
2.7	A	20	T140A275M020AS	0.8	4									
3.3	A	10	T140A335K020AS	1.0	4	0147	0247	0347	0447	2047	3047	4047	T242A335K020(2)S	
3.3	A	20	T140A335M020AS	1.0	4	0148	0248	0348	0448	2048	3048	4048	T242A335M020(2)S	
3.9	A	10	T140A395K020AS	1.2	4	0149	0249	0349	0449	2049	3049	4049	T242A395K020(2)S	
3.9	A	20	T140A395M020AS	1.2	4									
18.0	B	10	T140B186K020AS	3.0	6	0150	0250	0350	0450	2050	3050	4050	T242B186K020(2)S	
18.0	B	20	T140B186M020AS	3.0	6									
22.0	B	10	T140B226K020AS	3.0	6	0151	0251	0351	0451	2051	3051	4051	T242B226K020(2)S	
22.0	B	20	T140B226M020AS	3.0	6	0152	0252	0352	0452	2052	3052	4052	T242B226M020(2)S	
27.0	B	10	T140B276K020AS	4.0	6	0153	0253	0353	0453	2053	3053	4053	T242B276K020(2)S	
27.0	B	20	T140B276M020AS	4.0	6									
56.0	C	10	T140C566K020AS	7.0	6	0154	0254	0354	0454	2054	3054	4054	T242C566K020(2)S	
56.0	C	20	T140C566M020AS	7.0	6									
68.0	C	10	T140C686K020AS	8.0	6	0155	0255	0355	0455	2055	3055	4055	T242C686K020(2)S	
68.0	C	20	T140C686M020AS	8.0	6	0156	0256	0356	0456	2056	3056	4056	T242C686M020(2)S	
82.0	C	10	T140C826K020AS	10.0	6	0157	0257	0357	0457	2057	3057	4057	T242C826K020(2)S	
82.0	C	20	T140C826M020AS	10.0	6									
100.0	C	10	T140C107K020AS	12.0	6	0158	0258	0358	0458	2058	3058	4058	T242C107K020(2)S	
100.0	C	20	T140C107M020AS	12.0	6	0159	0259	0359	0459	2059	3059	4059	T242C107M020(2)S	
120.0	C	10	T140C127K020AS	12.0	6	0160	0260	0360	0460	2060	3060	4060	T242C127K020(2)S	
120.0	C	20	T140C127M020AS	12.0	6									
150.0	D	10	T140D157K020AS	15.0	8	0161	0261	0361	0461	2061	3061	4061	T242D157K020(2)S	
150.0	D	20	T140D157M020AS	15.0	8	0162	0262	0362	0462	2062	3062	4062	T242D157M020(2)S	
180.0	D	10	T140D187K020AS	15.0	8	0163	0263	0363	0463	2063	3063	4063	T242D187K020(2)S	
180.0	D	20	T140D187M020AS	15.0	8									
30 VOLT RATING AT 85°C — 20 VOLT RATING AT 125°C														
1.2	A	10, 20	T140A125(1)030AS	1.0	4									
1.5	A	10, 20	T140A155(1)030AS	1.0	4									
1.8	A	10, 20	T140A185(1)030AS	1.0	4									
2.2	A	10, 20	T140A225(1)030AS	1.0	4									
2.7	A	10, 20	T140A275(1)030AS	1.0	4									
12.0	B	10, 20	T140B126(1)030AS	3.0	4									
15.0	B	10, 20	T140B156(1)030AS	3.0	4									
18.0	B	10, 20	T140B186(1)030AS	3.0	4									
33.0	C	10, 20	T140C336(1)030AS	6.0	6									
39.0	C	10, 20	T140C396(1)030AS	6.0	6									
47.0	C	10, 20	T140C476(1)030AS	7.0	6									
56.0	C	10, 20	T140C566(1)030AS	7.0	6									
68.0	C	10, 20	T140C686(1)030AS	7.0	6									
82.0	D	10, 20	T140D826(1)030AS	10.0	6									
100.0	D	10, 20	T140D107(1)030AS	10.0	8									

(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.

Bold Face lines indicate popular part types and values.

**T140/T242 Series Tantalum
Hermetically Sealed**