





Hi-Temp Wet Tantalum Capacitor

Shanghai Green Tech Co.,Ltd.

CA382 series

3, Table 2 General characteristics

Rated Vol. (V)	A Derated Vol. 125 (V)	B Derated Vol. 200 (V)	Nominal Cap. (F)	Dissipation Factor +25 +85 +200 (%)	Leakage current (A)		Impedance 100Hz -55 ()	Cap change rate (%)			85 40KHZ AC Ripple current (mA)	Case Code			
					+25	+85 +125			-55	+85			+200		
6	4	3.6	30	7	1	2	100	-40	+11	+15	820	T1			
			68	12			60				+14		+18	960	
			140	17			40						+20	1200	
			270	30			7				25		-44	+18	+25
			330	30	2	8	20	+14	+20	1800					
			560	45		13	25	-64	+18	+25	1900	T3			
			1200	90	3	14	20	-80	+25	+30	2265	T4			
8	5	4.8	25	7	1	2	100	-40	+11	+15	820	T1			
			56	10			59				+14		+18	900	
			120	15			50	-44	+18	+20		1220		T2	
			220	30			7				30	+25	1370		
			290	30	2	6	25	-64		1770	T3				
			430	36		14	25						1825		
			850	50	4	16	22	-80		+25	+30	2330	T4		
10	7	6	20	5	1	2	175	-32	+11	+15	820	T1			
			47	11			100				-36		+14	+18	855
			100	12			60								+20
			180	20			7				40			+25	
			250	25	2	10	30	-40	1720	T3					
			390	25		16	25		-64		+18	1800			
			750	40	4		23	-80	+25	+30	2360	T4			

Please read the important notes and cautions at the end of this document.

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page 2

GT CAP®



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Rated Vol. (V)	A Derated Vol. 125 (V)	B Derated Vol. 200 (V)	Nominal Cap. (F)	Dissipation Factor +25 +85 +200 (%)	Leakage current (A)		Impedance 100Hz -55 ()	Cap change rate (%)			85 40KHZ AC Ripple current (mA)	Case Code
					+25	+85 +125			-55	+85		
30	20	18	8	4	1	2	275	-16	+8	+12	640	T1
			15	5			175	-20	+11	+15	780	
			40	8			65	-24			1120	T2
			68	11			8	60				
			100	15	2	10	40	-28	+11	+18	1450	T3
			150	20		15	35	-48	+13	+25	1525	
			300	25	8	32	25	-60	+25	+35	1950	T4
50	30	30	5	3	1	2	400	-16	+5	+9	580	T1
			10	4		2	250	-24	+8	+12	715	
			25	7		5	95	-20	+11	+15	1005	T2
			47	10		8	70	-28	+13	+18	1155	
			60	10	2	10	45	-16	+11	+15	1335	T3
			82	12		12	45	-32	+13	+18	1400	
			160	15	8	30	27	-50	+25	+30	1900	T4
60	40	36	4	2.8	1	2	550	-16	+5	+9	525	T1
			8.2	4		2	275	-24	+8	+12	625	
			20	6		5	105	-16	+11	+15	930	T2
			39	8		8	90	-28			1110	
			50	9	2	10	50	-16			1330	T3
			68	10		10	45	-32			1365	
			140	12	8	30	28	-40	+20	+25	1850	T4
			*560	50	30	160	25	-60	+40	+50	2800	T5
75	50	45	3.5	2.5	1	2	650	-16	+5	+9	525	T1
			6.8	3.5		2	300	-20	+8	+12	610	
			15	5		5	150	-16			890	T2
			33	8		9	90	-24	+11	+18	1000	
			40	8	2	10	60	-16		+15	1250	T3
			56	10		12		-28		+18	1335	
100	65	60	110	10	9	30	29	-35	+20	+25	1850	T4
			2.5	2	1	2	950	-16	+7	+10	505	T1
			4.7	3		2	500	-20			565	
			11	5		4	200	-16	+8	835	T2	
			22	6		9	100	-24	965			

