Features
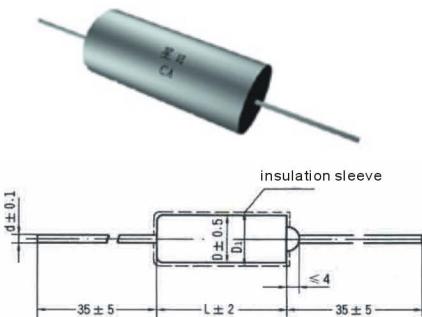
- Temperature Tange:-55℃～+125℃(>85℃ with rated voltage derating).
- Capacitance Tolerance:±20%,±10%.
- DC Leakage at 20℃:Please see Table 1.
- Temperature Characteristics:see table 1.
- Nominal capacitance,rated voltage ,voltage de-rating,Dimensions and max,weight:shown in table 2,figure 1.

Brief introduction

Ca senies metal-cased solid tantalum electroly-lic capacitors with polar axial leads are charac-terized in small size,wide operating temperature range,stable performances,high reliability and long life,CA senes meets the requirements of chinese national standard GB9583-88,widely used in instruments,meters and otherelectronic equipment for military and civil applications.

insulation sleeve

Temperature characteristics

table 1

Capacitance $C_R(uF)$	Cap.Change			DF(%)Max				DCL Max		
	-55℃	+85℃	+125℃	-55℃	+20℃	+85℃	+125℃	+20℃	+85℃	+125℃
≤1.0	±8	±8	±12	6	4	6	6	$I_0≤0.02$ $C_R U_R$ 或 （or） 1uF (whichever is greater)	$10I_0$	$12.5I_0$ (1)
1.5-68				8	6	8	8			
100-330				12	10	12	12			
470				15	12	15	15			

Note:(1)Measured at a voltage derating

Dimensions,Rated voltage ,voltage derating and nominal capacitance

table 2

Case Size	D×Lmax	d(mm)	Max Weight	Rated votage(V)								
				6.3	10	16	25	32	40	63	75	100
				votage Derating(V)								
				4	6.3	10	16	20	25	40	50	63
				Nominal capacitance(uF)								
1	3.2×8	0.4	0.7	1.0	0.68	0.33	0.33	0.22	0.22	0.22	0.22	0.047
				1.5	1.0	0.47	0.47	0.33	0.33	0.33	0.33	0.068
				2.2	1.5	0.68	0.68	0.47				
				3.3	2.2	1.0	1.0	0.68		0.47		0.1
				4.7	3.3	1.5	1.5	1.0	0.47			0.15
				6.8	4.7	2.2	2.2	1.5	0.68			0.22
				10	6.8	3.3						
2	5×12	0.6	2.5				4.7		1.0			
				15	10	6.8	3.3	2.2	1.5	0.68	0.47	0.33
				22	15	10	4.7	3.3	2.2	1.0	0.68	0.47
				33	22	15	6.8	4.7	3.3	1.5	1.0	0.68
				47	33	22	10	6.8	4.7	2.2	1.5	1.0
				68	47	33	15	10	6.8	3.3	2.2	1.5
3	6×14	0.6	3.5	100	68	47	22	15	10	4.7	3.3	2.2
					100	68	33		15		4.7	3.3
4	8×14	0.8	6	150	150	100	47	22	22	6.8		
				220			68	33	33	10		
5	8×22	0.8	10	330	220	150	100	47	47	15		
				470	330	220		68		22		