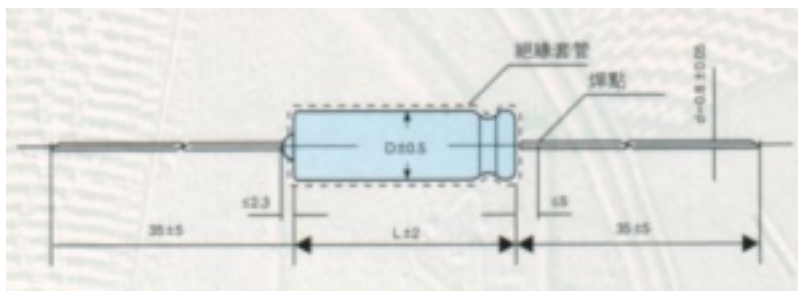


CA30 Solid Tantalum Capacitors.

Features

Small units with high stable performance, lower current leakage&dissipation factor, stable frequency and temperature and long life. Suitable for military equipment, computer, telephone and other electronic products.



General Specification

Operating temperature: Class I: -55°C~125°C(with voltage derating at greater than 85°C)

Class II:-55°C~+85°C.

Capacitance Tolerance: ±10%, ±20%, ±30% ~±10% .

DC Leakage Current Dissipation Factor: at 20°C $I_0=0.001C_R U_R$

Dissipation Factor: See table 1

Temperature characteristics

Table 1

C _R (μF)	1.0~2.2	3.3	4.7	6.8	10	15	22	33	47	68	100	150	220	330	470	680	1000
U _R (V)	Dissipation factor Max at 20°C 100Hz																
6.3							15	20	25	30	35	40	70	50	85	80	90
10						10	15	15	15	30	20	50	45	70	75	65	80
16					10	10	10	12	20	20	35	35	60	70	50	70	
25				8	8	10	10	20	15	30	25	50	50	40	50		
40			6	8	8	10	20	12	25	20	35	35	30	45			
63	6	6	6	8	8	10	18	12	25	25	20	28					
100	6	6	6	8	10	18	15	25	28	20	25						
125	6	6	6	8	15	15	23	23	20	23							

Dimension, Rated voltage and Capacitance.

Rated voltage (V)		6.3	10	16	25	40	63	100	125	
Derating voltage(V)		4	6.3	10	16	25	40	63	75	
Case size	DXL (mm)	Max Wt.(g)	Capacitance(μF)							
1	5×14	4	22	15	10	6.8	4.7	2.2	1.5	1
			33	22	15	10	6.8	3.3	2.2	1.5
			47	33	22	15	10	4.7	3.3	2.2
			68	47	33	22	15	6.8	4.7	3.3
			100	68	47	33	22	10	6.8	4.7
2	6×16	5	150	100	68	47	33	15	10	6.8
			220	150	100	68	47	22	15	10
3	8×16	7	330	220	150	100	68	33	22	15
			470	330	220	150	100	47	33	22
4	8×22	10	680	470	330	220	150	68	47	33
5	10×22	14	1000	680	470	330	220	100	68	47
6	10×25	17		1000	680	470	330	150	100	68