

CA42 Dipped Tantalum Capacitors



Features

Small units with high stable performance, lower current leakage and dissipation factor, stable frequency and temperature and long life. suitable for military equipment and computer ,telephone and other electronic products. Meets IEC384-15-3 and GB7215-87 standard.

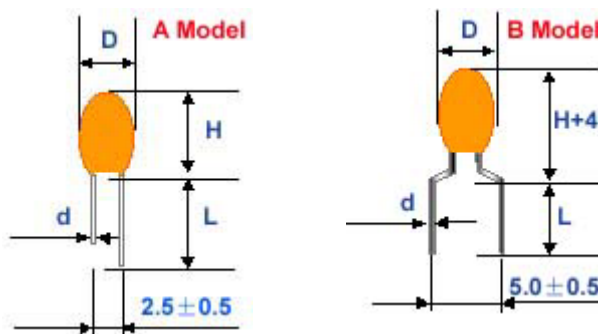
General Characteristics

- Operating temperature: -55 ~125
- Capacitance Tolerance:±20% ,±10%,±5% (Special Order).
- Capacitance Range: 0.1μF ~ 330μF
- DC leakage current (20) $I_0 \leq 0.02CRUR$ or 1μA (whichever is greater).
- Dissipation factor(20) See table 1
- Temperature performance: see table 1.
- Climatic category: 55/125/10.
- Life test: 1000 hours.

Table 1

Capacitance(μF)	Capacitance Change(%)			Max D.F(%)				Max DCL (μA)	
	-55	+85	+125	-55	+20	+85	+125	+85	+125
≤1.0	±10	±15	±25	6	4	6	6	10 I ₀	12.5 I ₀
1.5~6.8				8	6	8	8		
10~68				10	8	10	10		
100~330				12	10	12	12		

Exterior And Dimension



Case Size	D (MAX)	H (MAX)	L (±1)	d (±0.05)
A	4.0	6.0	14	0.5
B	4.8	7.2	14	0.5
C	5.5	8.0	14	0.5
D	6.0	9.4	14	0.5
E	7.2	11.5	14	0.5
F	8.2	12.5	14	0.5

DIMENSION IN MM

Capacitance Range,Case Size (Letters stand for case sizes)

Capacitance(μF)	CODE	Rated voltage (V)						
		4	6.3	10	16	25(20)	35	50
0.1	104						A	A
0.15	154						A	A
0.22	224						A	A
0.33	334						A	A
0.47	474						A	A
0.68	684						A	A
1	105				A	A	A	B
1.5	155				A	A	A	C
2.2	225			A	A	A	B	C
3.3	335		A	A	A	B	B	D
4.7	475	A	A	A	B	B	C	D
6.8	685	A	A	B	B	C	D	E
10	106	A	B	B	B	C	D	E
15	156	A	B	C	C	D	E	F
22	226	B	C	C	C	D	E	F
33	336	B	C	D	D	E	F	
47	476	C	D	D	D	E	F	
68	686	D	D	D	E	F		
100	107	D	E	E	E	F		
150	157	E	E	E	F			
220	227	E	E	F				
330	337	F	F					

How to order

(CA42 106 M 035 A T)

CA42	106	M	035	A	T
Type	Capacitance	Tolerance	DC voltage	Leads pitch	Packaging
Dipped Tantalum Capacitors	105 10X10 ⁵ (pF)This is expressed in Pico farads. The first two digits are the significant figures. The third is the number of zeros to follow.	K=±10% M=±20% J=±5%	4V=004 6.3V=006 10V=010 16V=016 25V=025 35V=035 40V=040 50V=050	A=2.5mm B=5.0mm	T=Tape and reel A=Ammo pack B=bulk pack