

Tantalum Capacitors

ET1 - CA42 Dipped Tantalum Capacitors

ELECSOUND®

Elecsound is the leading manufacturer of tantalum capacitors, we offer very high quality for dipped type and SMD type tantalum capacitors.

Small units with high stable performance

Lower current leakage and dissipation factor

Stable frequency, temperature and long life

Suitable for military equipments, computer, telephone

Meeting IEC384-15-3 and GB7215-87 standard

Rohs Compliant

Operating temperature: -55 ~125°C

Capacitance Tolerance: ±20%, ±10%, ±5%

Capacitance Range: 0.1µF ~330µF

DC leakage current(20°C) $I_0 \leq 0.02CRUR$ or 1µA

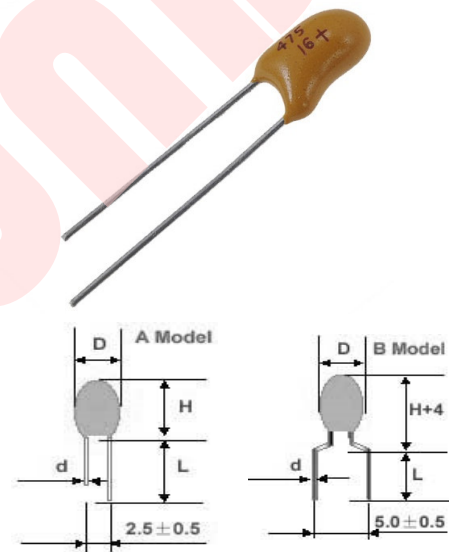
Life test: 1000 hours.

Dissipation factor(20°C) And Temperature performance

Cap.(µF)	Capacitance Change(%)			Max D.F(%)				Max DCL (µA)	
	-55°C	+85°C	+125°C	-55°C	+20°C	+85°C	+125°C	+85°C	+125°C
≤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		

How to order:

CA42	106	M	35	A	T
Type	Capacitance	Tolerance	DC voltage	Leads pitch	Packaging
Dipped Tantalum Capacitors	10X105(pF)	K=±10%	4V=004	A=2.5mm	T=Tape and reel A=Ammo pack
		M=±20%	6.3V=006	B=5.0mm	
		J=±5%	10V=010		B=bulk pack
			16V=016		
			25V=025		
			35V=035		
			40V=040		
	50V=050				



Exterior And Dimension

Case Size	D(MAX)	H(MAX)	L(±1)	d(±0.05)
A	4	6	14	0.5
B	4.8	7.2	14	0.5
C	5.5	8	14	0.5
D	6	9.4	14	0.5
E	7.2	11.5	14	0.5
F	8.2	12.5	14	0.5

Cap.(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	F			
330	337	F	F					

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