

# Tantalum capacitors

## ET1 - CA42 Dipped Tantalum capacitors

ELECSOUND®

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

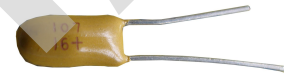
Operating temperature: -55 ~125°C  
 Capacitance Tolerance: ±20%, ±10%, ±5%  
 Capacitance Range: 0.1µF ~330µF  
 DC leakage current(20°C)  $I_0 \leq 0.02CRUR$  or 1µA  
 Life test: 1000 hours.

### 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 <sub>0</sub>	12.5 I <sub>0</sub>
1.5~6.8				8	6	8	8		
10~68				10	8	10	10		
100~330				12	10	12	12		

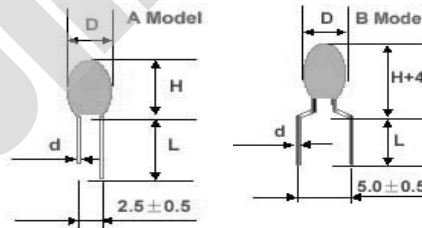
### How to order:

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		
			16V=016		B=bulk pack
			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						

ELECSOUND ELECTRONICS COMPANY LIMITED

TEL: 0086-755-83045964 FAX: 0086-755-82948027

Website: www.elecsound.com.cn

Email:sales@elecsound.com.cn