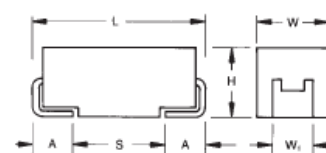


TANTALUM CHIP CAPACITORS(STANDARD) - TCS SERIES (SMD)鉭質電容

Brand: NEC AVX VISHAY SAMSUNG KEMET

▲ FEATURES

- Lead-free type,ROHS compliant.
- Offer a range of small,high-capacity models
- Succeed to the latest technology plus outstanding performance.



▲ DIMENSIONS

CASE	EIA	L±0.20	W±0.20	H±0.2	W1±0.2(A±0.2)	S (Min)	Unit:mm	
P(F)	2012	2.00	1.20	1.10	0.90	0.50	1.00	
A	3216	3.20	1.60	1.60	1.20	0.80	1.10	
B	3528	3.50	2.80	1.90	2.20	0.80	1.40	
C	6032	6.00	3.20	2.60	2.20	1.30	2.90	
D	7343	7.30	4.30	2.90	2.40	1.30	4.40	
E	7343	7.30	4.30	4.10	2.40	1.30	4.40	
V	7361	7.30	6.10	3.45	3.10	1.40	4.40	

▲ TECHNICAL SPECIFICATIONS

Technical Data	All technical data relate to an ambient temperature of + 25 °C									
Capacitance Range	0.1uf ~ 2200uf									
Capacitance Tolerance	±10% ± 20%									
Rated Voltage(VR)	2.5	4	6.3	10	16	20	25	35	50	
Category Voltage(VC)	1.7	2.7	4	7	10	13	17	23	33	
Surge Voltage(Vs)	3.3	5.2	8	13	20	26	32	46	65	
Surge Voltage(Vs)	2.2	3.4	5	8	13	16	20	28	40	
Temperature Range	- 55 °C ~ + 125 °C									
Reliability	1% per 1000 hours at 85°C , VR with 0.1Ω / VR series impedance,60% confidence level.									
Qualification	CECC 30801 - 005 issue 2 EIA 535 BAAC									

▲ STANDARD C-V VALUE REFERENCE CASE CODE

CAPACITANCE		2.5V	4V	6.3V	10V	16V	20V	25V	35V	50V
uf	code									
0.10	104								A	A
0.15	154								A	A,B
0.22	224								A	A,B
0.33	334								A	B
0.47	474							A	A,B	A,B,C
0.68	684						A	A	A,B	A,B,C
1.00	105					A	A	A	A,B	A,B,C
1.50	155				A	A	A	A,B	A,B,C	C,D
2.20	225			A	A	A,B	A,B	A,B	A,B,C	C,D
3.30	335			A	A	A,B	A,B	A,B,C	B,C	C,D
4.70	475		A	A	A,B	A,B	A,B,C	A,B,C	B,C,D	D
6.80	685		A	A,B	A,B	A,B,C	A,B,C	B,C	C,D	D
10	106		A	A,B	A,B,C	A,B,C	B,C	C,D	C,D,E	D,E,V
15	156		A,B	A,B	A,B,C	A,B,C	B,C,D	C,D	C,D	D,E,V
22	226		A	A,B,C	A,B,C	B,C,D	B,C,D	C,D	D,E	V
33	336	A	A,B	A,B,C	A,B,C,D	B,C,D	C,D	D,E	D,E,V	
47	476	A	A,B	A,B,C,D	B,C,D	C,D	C,D,E	D,E	E,V	
68	686	A	A,B,C	B,C,D	B,C,D	C,D	D,E	E,V	V	
100	107	A,B	A,B,C	B,C,D	B,C,D,E	D,E	D,E,V	V		
150	157	B	B,C	C,D	C,D,E	D,E,V	E,V			
220	227	B,C	B,C,E	C,D,E	D,E	D,E,V				
330	337	D	C,D,E	C,D,E	D,E,V	E,V				
470	477	C,D	D,E	D,E,V	E,V					
680	687	D,E	D,E	E,V	V					
1000	108	D,E	D,E,V	V						
1500	158	D,E,V	E,V							
2200	228	V								

ORDER: TCS 10U 16V A-CASE

PS:鉭質電容單價高,建議儘量使用同為有極性的電解電容 or 無極性之MLCC