

Ceramic Disc Capacitor

CC1 Temperature Compensate Capacitor

- Low DF, stable capacitance, the linear capacitance change with temperature
- Designed from all series T.C suits for oscillation and temperature compensate circuit

Characteristic

Item	Specifications
Operating Temperature Range	-25°C~+85°C
Working Voltage	63V-500V(630V)
Test Voltage	2.5UR
Lead style	a, b, c
I.R	RJ.>1000MΩ

Capacitance Range

Rated Voltage U_R	T.C/Capacitance(PF)								Configuration	Dimensions (mm)		
	AP/100	C/NPO	P/N150	R/N220	S/N330	T/N470	U/N750	V/N1500		D	d	T
63V (50V)	1~3.3	1~5.1	1.5~6.8	1.5~6.8	2~8.2	2~8.2	8.2~15	33~51	04	4	0.5 0.6 0.8	4
	3.6~5.1	5.6~7.5	7.5~10	7.5~10	9.1~15	9.1~15	16~24	56~68	05	5		
	5.6~12	8.2~20	11~24	11~30	16~33	16~33	27~100	75~120	06	6		
	13~22	22~33	27~43	33~51	36~62	36~62	110~200	130~240	08	8		
	24~33	36~51	47~45	56~82	68~100	68~100	220~300	270~390	10	10		
	36~56	56~82	82~100	91~120	110~150	110~150	330~560	430~680	12	12		
160V	1~3.3	1~5.1	1.5~6.8	1.5~6.8	1.5~6.8	2~8.2	8.2~15	33~51	04	4		
	3.6~5.1	5.6~7.5	7.5~10	7.5~10	7.5~10	9.1~15	16~24	56~68	05	5		
	5.6~12	8.2~20	11~24	11~30	16~33	16~33	27~100	75~120	06	6		
	13~22	22~33	27~43	33~51	36~62	36~62	110~200	130~240	08	8		
	24~33	36~51	47~45	56~82	68~100	68~100	220~300	270~390	10	10		
	36~56	56~82	82~120	91~120	110~150	110~150	330~560	430~680	12	12		
250V	1~9.1	1~12	1~20	1.5~22	1.5~2.7	1.5~2.7	8.2~43	50~100	06	6		
	10~15	13~22	22~33	24~39	30~43	30~43	47~82	110~200	08	8		
500V	1~51	1~10	1~22	1~13	1.5~13	1.5~15	8.2~43	15~51	06	6		
	5.6~10	10~15	13~20	15~24	15~24	16~30	36~68	56~100	08	8		
	11~15	16~22	22~30	27~33	27~33	33~43	75~150	110~200	10	10		
	16~27	24~39	33~47	36~56	47~56	56~82	160~220	220~330	12	12		
	30~33	43~47	51~68	62~75	62~82	91~100	240~300	360~470	16	16		

DF

Nominal Cap (TF)	X10-4DF (20°C)				
	+10≥a>75 and SL	-750≥a>-1500 and UM	-1500≥a>-3300 and YL	-3300≥a>-5600	a≤-5600
C≥50	15	20	30	40	50
5≤C<50	1.5(150/C+7)	2.0(150/C+7)	3.0(150/C+7)	4.0(150/C+7)	—
C<5	Consult your requirements to factory.				