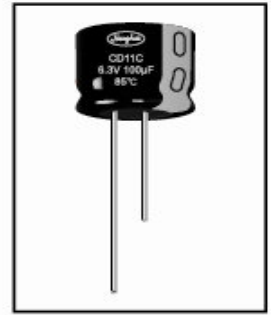
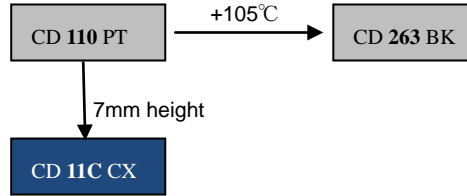


CD 11C CX Series



1000h at 85°C

- Load life of 1000 hours at 85°C
- 7mm L standard products
- VTR, video cameras, car radios, micro cassette tape recorder, etc.

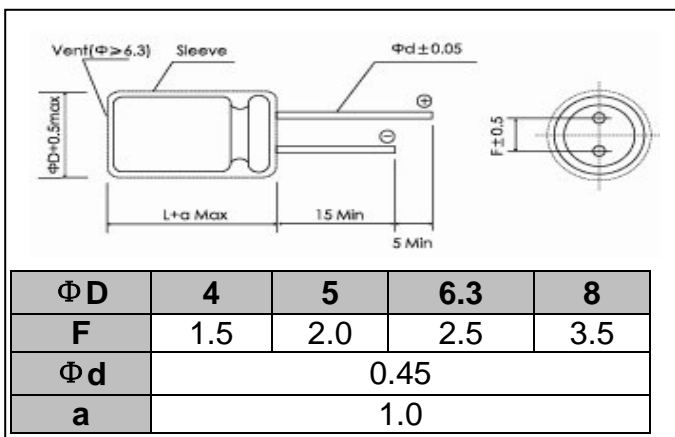


Items	Characteristics									
Operating Temperature Range(°C)	-40 ~ +85									
Capacitance Tolerance (20°C, 120Hz)	±20%									
Leakage Current (µA)	After 2 minutes at 20°C application of rated voltage, leakage current is not more than 0.01CV or 3, whichever is greater C:Nominal Capacitance(µF) V:Rated Voltage(V)									
Dissipation Factor (20°C, 120Hz)	Rated Voltage(V)	4	6.3	10	16	25	35	50	63	100
	Tan δ(max)	0.35	0.24	0.20	0.16	0.14	0.12	0.10	0.08	0.08
Stability at Low Temperature (Impedance Ratio at 120Hz)	Rated Voltage(V)	4	6.3	10	16	25	35	50	63	100
	Z _{-25°C} /Z _{+20°C}	6	4	3	2					
	Z _{-40°C} /Z _{+20°C}	16	10	8	6	4				

	Useful Life	Load Life	Endurance Test	Shelf Life
Lifetime	2000h	1000h	1500h	500h
Leakage Current	Not more than specified value	Not more than specified value	Not more than specified value	Not more than specified value
Capacitance Change	Within ±30% of initial value	Within ± 20% of initial value	Within ±20% of initial value	Within ± 20% of initial value
Dissipation Factor	Not more than 300% of specified value	Not more than 200% of specified value	Not more than 200% of specified value	Not more than 200% of specified value
Condition: Applied Voltage Applied Current Applied Temperature	U _R I _R 85°C	U _R I _R 85°C	U _R I _R = 0 85°C	U _R = 0 I _R = 0 85°C After test: U _R to be applied for 30min>24h before measurement

Dimensions

mm



Frequency Coefficient

Frequency Rated voltage(v)	50-60Hz	120Hz	1kHz	10k-100kHz
4~16	0.80	1.0	1.1	1.2
25~35	0.80	1.0	1.5	1.7
50~100	0.80	1.0	1.6	1.9

Temperature Coefficient

Temperature(°C)	+70	+85
Coefficient	1.35	1

CD 11C CX Series



U _R (Surge Voltage) Code	Rated Capacitance	Max ESR 20°C, 120Hz	Rated Ripple Current 85°C, 120kHz	Size ΦD×L	P/N	U _R (Surge Voltage) Code	Rated Capacitance	Max ESR 20°C, 120Hz	Rated Ripple Current 85°C, 120kHz	Size ΦD×L	P/N	
(v)	(μF)	(Ω)	(mArms)	(mm)	-	(v)	(μF)	(Ω)	(mArms)	(mm)	-	
4 (5) 0G	33	14.1	35	4×7	ECR0GCX330M□□040007	35 (44) 1V	3.3	48.3	15	4×7	ECR1VCX3R3M□□040007	
	47	9.9	40	4×7	ECR0GCX470M□□040007		4.7	33.9	20	4×7	ECR1VCX4R7M□□040007	
	100	4.6	70	5×7	ECR0GCX101M□□050007		10	15.9	30	4×7	ECR1VCX100M□□040007	
	220	2.1	120	6.3×7	ECR0GCX221M□□063007		22	7.2	55	5×7	ECR1VCX220M□□050007	
	330	1.4	170	8×7	ECR0GCX331M□□080007		33	4.8	75	6.3×7	ECR1VCX330M□□063007	
6.3 (7.2) 0J	22	14.5	35	4×7	ECR0JCX220M□□040007		47	3.4	110	8×7	ECR1VCX470M□□080007	
	33	9.7	40	4×7	ECR0JCX330M□□040007		50 (63) 1H	0.1	1327.0	4	4×7	ECR1HCX0R1M□□040007
	47	6.8	50	4×7	ECR0JCX470M□□040007			0.22	603.2	5	4×7	ECR1HCXR22M□□040007
	100	3.2	80	5×7	ECR0JCX101M□□050007			0.33	402.1	7	4×7	ECR1HCXR33M□□040007
	220	1.4	140	6.3×7	ECR0JCX221M□□063007			0.47	282.3	8	4×7	ECR1HCXR47M□□040007
330	1.0	205	8×7	ECR0JCX331M□□080007	1	132.7		10	4×7	ECR1HCX010M□□040007		
10 (13) 1A	22	12.1	35	4×7	ECR1ACX220M□□040007	2.2		60.3	15	4×7	ECR1HCX2R2M□□040007	
	33	8.0	45	4×7	ECR1ACX330M□□040007	3.3		40.2	20	4×7	ECR1HCX3R3M□□040007	
	47	5.6	60	5×7	ECR1ACX470M□□050007	4.7		28.2	24	4×7	ECR1HCX4R7M□□040007	
	100	2.7	108	6.3×7	ECR1ACX101M□□063007	10		13.3	40	5×7	ECR1HCX100M□□050007	
	220	1.2	185	8×7	ECR1ACX221M□□080007	22		6.0	70	6.3×7	ECR1HCX220M□□063007	
16 (20) 1C	10	21.2	35	4×7	ECR1CCX100M□□040007	33	4.0	100	8×7	ECR1HCX330M□□080007		
	22	9.7	40	4×7	ECR1CCX220M□□040007	63 (79) 1J	0.1	1061.6	4	4×7	ECR1JCX0R1M□□040007	
	33	6.4	55	5×7	ECR1CCX330M□□050007		0.22	482.5	6	4×7	ECR1JCXR22M□□040007	
	47	4.5	70	5×7	ECR1CCX470M□□050007		0.33	321.7	7	4×7	ECR1JCXR33M□□040007	
	100	2.1	120	6.3×7	ECR1CCX101M□□063007		0.47	225.9	8	4×7	ECR1JCXR47M□□040007	
220	1.0	205	8×7	ECR1CCX221M□□080007	1		106.2	10	4×7	ECR1JCX010M□□040007		
25 (32) 1E	3.3	56.3	15	4×7	ECR1ECX3R3M□□040007		2.2	48.3	15	4×7	ECR1JCX2R2M□□040007	
	4.7	39.5	20	4×7	ECR1ECX4R7M□□040007		3.3	32.2	23	4×7	ECR1JCX3R3M□□040007	
	10	18.6	30	4×7	ECR1ECX100M□□040007		4.7	22.6	30	5×7	ECR1JCX4R7M□□050007	
	22	8.4	50	5×7	ECR1ECX220M□□050007		10	10.6	50	6.3×7	ECR1JCX100M□□063007	
	33	5.6	70	6.3×7	ECR1ECX330M□□063007		100 (125) 2A	1	106.2	12	4×7	ECR2ACX010M□□040007
	47	4.0	85	6.3×7	ECR1ECX470M□□063007	2.2		48.3	20	5×7	ECR2ACX2R2M□□050007	
	100	1.9	145	8×7	ECR1ECX101M□□080007	3.3		32.2	30	6.3×7	ECR2ACX3R3M□□063007	
					4.7	22.6		35	6.3×7	ECR2ACX4R7M□□063007		

Customer products are available on request.

Lifetime Diagram

