

◆ SPECIFICATIONS

Items	Characteristics		
Category Temperature Range	—25℃～105℃		
Rated Voltage Range	160V～450V DC		
Capacitance Tolerance (20℃120Hz)	±20 %		
Leakage Current(MAX)	I=0.03CV+15μA(After 2 minutes) I: Leakage Current(μA) C: Capacitance V: Rated Voltage(V)		
Dissipation Factor (20℃120Hz)	Rated Voltage(V)	160～250	400～450
	tgδ	0.24	0.27
Endurance	After life test with rated ripple current for 16000 hours at 105℃, the capacitors shall meet the following requirement.		
	Capacitance Change	Within ± 20% of the initial value.	
	Dissipation Factor	Not more than 200% of the specified value.	
	Leakage Current(MAX)	Not more than the specified value.	
Low Temperature Stability	Rated Voltage(V)	160-250	400-450
	Impedance Ratio < Z (-25℃)/Z(20℃) > 120Hz	3	6

◆ MULTIPLIER FOR RIPPLE CURRENT

Frequency Coefficient					
Frequency	50	120	1K	10K	100K
Coefficient	0.50	0.60	0.70	0.80	1.00

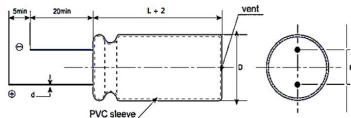
◆ FEATURES

Load Life:105℃ 16000 hours.
Excellent endurance of high ripple current and high temperature,low ESR,high stability.
Used for LED and LED Driver.

◆ STANDARD SIZE(Rated ripple current: 105℃ 100KHz)

Rated Voltage (V) Capacitance (μF)	160		200		250		400		450	
	Size(mm) D×L	Rated ripple current (mArms)	Size(mm) D×L	Rated ripple current (mArms)	Size(mm) D×L	Rated ripple current (mArms)	Size(mm) D×L	Rated ripple current (mArms)	Size(mm) D×L	Rated ripple current (mArms)
1							8×12	63	8×12	65
1.2							8×12	70	8×12	70
1.5							8×12	75	8×12	75
1.8							8×12	78	8×12	80
2.2							8×12	80	8×16	90
2.7							8×16	95	8×16	95
3.3							8×12	90	8×16	100
3.9							8×16	110	8×16	110
4.7	8×12	92	8×12	110	8×14	117	8×12	100	10×16	110
5.6	8×12	87	8×12	113	8×14	120	8×12	117	10×16	130
6.8	8×12	110	8×16	130	8×16	135	10×12	120	10×16	180
8.2	8×12	120	8×16	155	8×16	135	10×16	170	10×20	240
10	8×16	148	8×16	165	8×16	138	10×16	195	10×20	260
15	8×16	196	8×16	238	8×20	200	10×16	220	10×20	260
22	10×16	215	10×16	290	10×16	250	10×20	230	12×20	380
33	10×16	247	10×20	320	10×16	287	12.5×25	265	12.5×25	500
47	10×20	336	12×20	450	10×20	350	16×20	295	16×20	750
68	12×20	362	12×20	520	12×20	480	16×20	670	16×25	770
82	12×20	510	12×20	670	12×20	540	16×30	720	16×25	770
100	12.5×25	580	12.5×25	700	12.5×25	600	18×20	735	16×30	800
150	12.5×25	690	16×25	770	16×25	830	18×20	870	18×25	950
220	16×25	850	16×25	830	16×25	900	18×25	950	18×30	900
330	16×25	900	16×25	910	16×30	970	18×40	1000	18×40	930
470	16×25	900	16×25	910	16×30	970	18×40	1080	18×40	1100

◆ DIMENSIONS



D±0.5	5	6.3	8	10	12	13	16	18	22
F±0.6	2	2.6	3	5			7.5		10
d±0.1	0.5	0.5	0.5	0.6			0.8		0.8