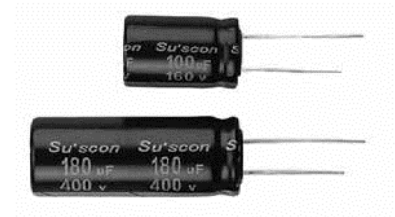


SKA series

sales016@heyuecap.com

- On the basis of SK series ripple promotion product.
- Suitable for LCD TV Power, SMPS.
- RoHS Compliance.
- SK系列紋波提升品。
- 適用於液晶顯示電源及開關電源等。



SPECIFICATIONS

Items 項 目	Characteristics 特 性				
Capacitance Tolerance 靜電容量誤差	± 20%(120Hz,20℃)				
Operating Temperature Range 適用溫度範圍	-40 ~ +105℃			-25 ~ +105℃	
Rated Voltage Range 額定電壓範圍	400VDC			450 ~ 500VDC	
Leakage Current 洩漏電流	I ≤ 0.03CV +20 (μA) (After 3 minutes application of DC rated voltage, at 20 °C)				
Dissipation Factor 散逸因素(tan δ)	Measurement Frequency: 120Hz. Temperature: 20℃				
	Rated Voltage(V)	400	450	460	500
	tan δ(Max)	0.15	0.20	0.20	0.20
	When nominal capacitance over 1000μF, tanδ shall be added 0.02 to the listed value with increase of every 1000μF .				
Low Temperature Stability 低溫特性 Impedance Ratio(Max) 阻抗比率(最大值)	Measurement Frequency: 120Hz.				
	Rated Voltage(V)	400	450	460	500
	Z(-25℃)/Z(20℃)	3	3	6	6
	Z(-40℃)/Z(20℃)	6	-	-	-
Load Life 負荷壽命	The following specifications shall be satisfied when the capacitors are restored to 20℃ after subjected to DC voltage with the rated ripple current is applied for 2,000 hours at 105℃.				
	Capacitance Change	Within ± 20% of Initial Value			
	tan δ	200% or less of Initial Specified Value			
	Leakage Current	Initial Specified Value or less			
Shelf Life 放置壽命	The following specifications shall be satisfied when the capacitors are restored to 20℃ after exposing them for 1,000 hours 105℃ without voltage applied. Before the measurement. The capacitor shall be preconditioned by applying voltage according to them 4.1 of JIS C5101-4.				
	Capacitance Change	Within ± 20% of Initial Value			
	tan δ	200% or less of Initial Specified Value			
	Leakage Current	Initial Specified Value or less			
Standards 參照標準	IEC 60384-4(JIS C 5101-4)				

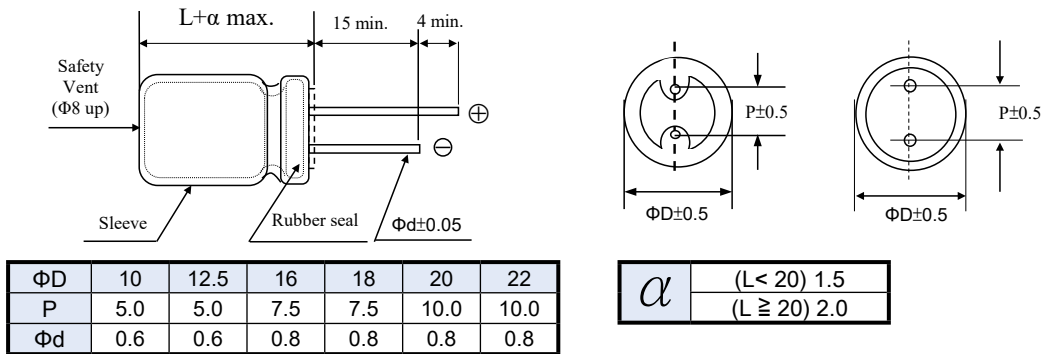
Frequency Coefficient of Permissible Ripple Current

Capacitance (μF)	Frequency (Hz)				
	120	10K	30K	50K	100K
10 ~ 150	1.00	1.50	1.60	1.75	2.00

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DIMENSIONS(mm)



STANDARD RATINGS

D×L(mm) ; R.C.(mA rms) at 105°C 120Hz.

Cap (μF)	V	400			450			460			500		
	Item	D x L	R.C.		D x L	R.C.		D x L	R.C.		D x L	R.C.	
			120Hz	100kHz		120Hz	100kHz		120Hz	100kHz		120Hz	100kHz
	10	10x16	100	200	10x20	130	260	10x20	120	240	12.5x20	78	156
	15	10x20	200	400	12.5x20	200	400	12.5x20	150	300	12.5x20	100	200
	22	12.5x20	280	560	12.5x20	300	600	12.5x25	300	600	12.5x25	190	380
	33	12.5x20	330	660	12.5x25	400	800	16x25	400	800	16x25	270	540
	47	12.5x25	380	760	16x25	500	1000	18x26	500	1000	18x26	300	600
	56	16x25	500	1000	18x26	600	1200	18x26	550	1100	18x31.5	330	660
	68	16x25	650	1300	18x31.5	690	1380	18x31.5	600	1200	18x35.5	450	900
	82	18x26	750	1500	18x31.5	750	1500	18x31.5	650	1300	18x40	560	1120
	100	18x31.5	800	1600	18x35.5	780	1560	18x35.5	750	1500	18x45	650	1300
	120	18x35.5	850	1700	18x40	850	1700	18x40	800	1600	20x45	700	1400
	150	18x40	900	1800	18x45	900	1800	20x45	827	1654	22x45	750	1500

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