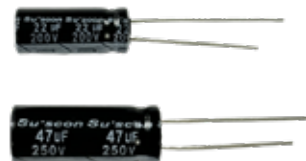


SEB series

- 105°C 5000 hours life, On the basis of SEA series ripple promotion product
- Suitable for LCD TV Power, SMPS
- RoHS Compliance
- 105°C 5000小時壽命，在SEA系列基礎上紋波提升品
- 適用於液晶顯示電源及開關電源等



SPECIFICATIONS

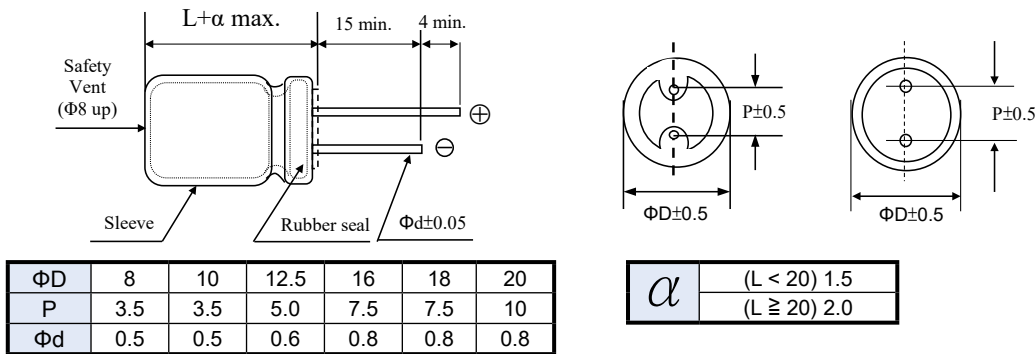
Items 項 目	Characteristics 特 性				
Capacitance Tolerance 靜電容量誤差	± 20%(120Hz,20℃)				
Operating Temperature Range 適用溫度範圍	- 40 ~ +105℃			- 25 ~ +105℃	
Rated Voltage Range 額定電壓範圍	160~400VDC			450~460VDC	
Leakage Current 洩漏電流	I≤0.03CV +20 (μA) (After 3 minutes application of DC rated voltage, at 20 ℃)				
Dissipation Factor 散逸因素(tan δ)	Measurement Frequency:120Hz. Temperature: 20℃				
	Rated Voltage(V)	160~250	350	400	450~460
	tan δ(Max)	0.15	0.15	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)	160~250	350	400~450	460
	Z(-25℃)/Z(20℃)	3	5	3	6
	Z(-40℃)/Z(20℃)	6	-	-	-
Load Life 負荷壽命	5000hours,with application of rated voltage 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 1,000hours 105℃ without voltage applied. Before the measurement. The Capacitance 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	1K	10K	50K	100K
10~82	1.00	1.75	2.25	2.23	2.50
100~150	1.00	1.67	2.05	2.15	2.25

SEB series

DIMENSIONS(mm)



STANDARD RATINGS

DxL(mm), R.C.(mA rms) at 105°C 120 Hz.

Cap (μF)	V	160		200		250		350	
	Item	D x L	R.C.	D x L	R.C.	D x L	R.C.	D x L	R.C.
10		8x11.5	140	8x14	180	10x12.5	180	8x20	180
22		8x15	220	8x15	220	10x16	200	8x30	250
				10x12.5	220				
27		10x14	220	10x16	250	10x20	240	10x25	280
33		8x20	280	10x20	280	10x20	260	12.5x20	350
47		10x20	320	10x25	320	10x25	320	12.5x25	380
56		10x25	360	10x25	330	12.5x20	445	16x22	450
68		12.5x20	445	10x30	390	12.5x25	520	16x25	550
82		10x30	445	10x35	485	12.5x30	580	18x25	650
100		12.5x25	520	10x40	560	16x25	650	18x25	700

Cap (μF)	V	400		450		460	
	Item	D x L	R.C.	D x L	R.C.	D x L	R.C.
10		10x16	160	10x20	180	10x20	150
15		10x20	180	12.5x20	300	12.5x20	210
22		12.5x20	300	12.5x25	390	12.5x25	280
33		12.5x25	390	16x22	450	16x25	430
47		12.5x25	430	18x25	650	18x25	500
56		16x25	530	18x25	700	18x25	540
68		18x25	680	18x31.5	750	18x31.5	680
82		18x25	760	18x31.5	780	18x31.5	720
100		18x31.5	830	18x35.5	820	18x35.5	800
120		18x35.5	880	18x40	920	18x45	1000
150		18x40	950	20x45	1080	20x45	1050