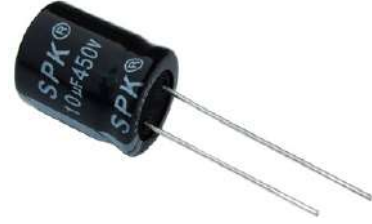


3000Hrs Long Life Aluminum Electrolytic Capacitor

SPKE02(3000Hrs) Series

- Especially designed for electronic ballast and energy-save lamp
- High ripple current, high temperature, extremely long life, 3000 hours at 105°C
- For the special designing requirement, please contact us.



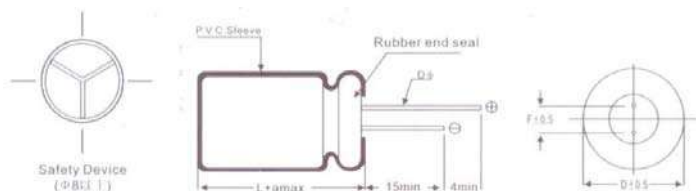
Specifications

Item	Performance Characteristics					
Operating Temperature Range	-40 to +105°C					
Rated Voltage Range	200 to 450 VDC					
Capacitance Range	1 to 100uF					
Capacitance Tolerance	±20%(120Hz, +20°C)					
Leakage Current (+20°C, max)	Rated Voltage	200~250		350~450		
	LC	0.01CV(uF)or 3uF(2minutes)		0.06CV+10uA(1minutes)		
Dissipation Factor(tanδ) (+20°C, at 120Hz)	Working Voltage(VDC)	200	250	350	400	450
	DF	0.15	0.15	0.2	0.2	0.20
Load Life(+130°C or 105°C)	Test conditions					
	Duration time	: 3000 Hrs				
	Ambient temperature	: +105°C				
	Applied voltage	: Rated DC working voltage				
	After test requirements at +20°C					
	Capacitance change	: ≤±30% of the initial measured value				
	Dissipation factor	: ≤300% of the initial specified value				
Leakage current	: ≤The initial specified value					
Shelf Life(+125°C)	Test conditions					
	Duration time	: 1000Hrs				
	Ambient temperature	: +105°C				
	Applied voltage	: None				
	After test requirements at +20°C	: Same limits as Load life				
Pre-treatment for measurements shall be conducted after application of DC working voltage for 30 minutes						

Coefficient of allowable ripple current

Frequency(Hz)	C _R (uF)	120	1K	10~30K	30~100K
200~250	3.3~100	0.55	0.85	0.95	1
350~450	1~47	0.5	0.8	0.9	1

Diagram of Dimensions:(unit:mm)



Dø	8	10	13	16
F	3.5	5		7.5
dø	0.5	0.6		0.8

3000Hrs Long Life Aluminum Electrolytic Capacitor

■ Case Size

øD×L (mm)

WV uF	200		250		350		400		450	
	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple
1					8×12	50	8×12	60	8×12	70
1.8					8×12	58	8×12	68	10×12	78
2.2					8×12	60	10×12	70	10×12	80
							8×12			
3.3			8×12	70	10×12	75	10×16	85	10×16	95
4.7			8×12	90	10×16	115	10×20	125	10×20	135
			10×12				10×16			
6.8			8×16	99	10×12	140	10×20	150	13×20	160
8.2			10×16	110	13×20	250	13×20	200	13×20	270
10	8×16	235	10×20	150	13×20	250	13×20	230	13×20	270
	10×16		10×16							
15	10×20	235	10×20	250	13×20	260	13×25	270	13×25	280
22	10×20	235	13×20	280	13×25	270	13×25	280	16×25	290
33	13×20	300	13×20	320	16×25	290	16×30	300	16×30	310
			13×25							
47	13×20	300	13×25	320	16×30	355	16×35	365	16×35	375
	13×25						16×30			
68	16×25	365	16×25	375						
100	16×30	600	16×30	620						

Ripple Current (mA,+105°C, 100KHz)