

REB Series

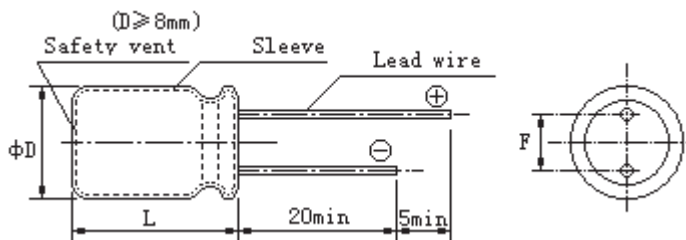
- 105°C 5000 hours
- High Reliability
- High Ripple Frequency
- For Self Ballasted CFL, Electronic Ballast, Power Source
- RoHS compliance



主要技术性能 Specifications

Operating Temperature Range	-25 ~ +105°C					
Rated Voltage Range	200 ~ 450V.DC					
Capacitance Tolerance	± 20% (120Hz, 20°C)					
Leakage Current	$I \leq 0.02CV + 10 (\mu A)$ Application of rated working voltage at +20°C after 2 minutes					
Dissipation Factor (120Hz 20°C)	W.V.	200	250	350	400	450
	tg δ	0.1	0.1	0.12	0.12	0.16
Load life	After applying rated voltage with specified ripple current for 5000 hours at +105°C and then resumed 16 hours. The capacitor shall meet the following limits.					
	Capacitance Change	≤ ± 30% of Initial measured value				
	Leakage	≤ The specified value				
Shelf Life	After storage for 1000 hours at +105°C with no voltage applied and then being stabilized at +20°C, capacitor shall meet the limits.					
	Capacitance Change	≤ ± 20% of Initial measured value				
	Leakage	≤ 200% of the specified value				
	Dissipation Factor	≤ 200% of the specified value				

外形图及尺寸 Case size table



mm

D ± 1.0	6.3	8	10	13	16	18	22
L ± 2.0	12	12,16	16,20	21,25	26,31	26,31,36	31,36
F ± 0.5	2.5	3.5	5.0	5.0	7.5	7.5	10.0
Φd ± 0.05	0.5	0.6	0.6	0.6	0.8	0.8	1.0

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■ 标称电容量、额定电压、额定纹波电流及外形尺寸对应表

Nominal capacitance, rated voltage, rated ripple current and case size table

WV mA μF	200V		250V		350V		400V		450V	
	ΦD×L	I~mA	ΦD×L	I~mA	ΦD×L	I~mA	ΦD×L	I~mA	ΦD×L	I~mA
1					6.3 X 12	60	8 X 12	62	8 X 12	72
1.2					6.3 X 12	65	8 X 12	70	8 X 12	78
1.5					6.3 X 12	70	8 X 12	80	8 X 12	85
1.8					8 X 12	88	8 X 12	88	8 X 16	90
2.2	6.3 X 12	55	6.3 X 12	70	8 X 12	95	8 X 16	96	8 X 16	105
2.7	6.3 X 12	68	6.3 X 12	75	8 X 12	100	8 X 16	108	8 X 16	118
3.3	6.3 X 12	80	8 X 12	85	8 X 16	110	8 X 16	115	10 X 16	130
4.7	8 X 12	125	8 X 12	98	8 X 16	118	10 X 16	125	10 X 16	140
5.6	8 X 12	140	8 X 12	105	10 X 16	145	10 X 16	135	10 X 20	158
6.8	8 X 16	165	8 X 16	110	10 X 16	170	10 X 20	165	10 X 20	205
8.2	8 X 16	200	8 X 16	125	10 X 20	200	10 X 20	220	13 X 21	248
10	10 X 16	245	10 X 16	260	10 X 20	290	13 X 21	280	13 X 21	300
15	10 X 16	270	10 X 16	290	13 X 21	320	13 X 21	310	13 X 25	330
22	10 X 20	300	10 X 20	330	13 X 25	400	13 X 25	365	16 X 26	400
33	13 X 21	360	13 X 21	390	16 X 26	445	16 X 26	420	18 X 31	480
47	13 X 25	480	13 X 25	450	16 X 31	498	18 X 26	510	18 X 31	600
68	16 X 26	600	16 X 26	500	18 X 31	820	18 X 36	560	22 X 31	750
82	16 X 26	675	18 X 26	580			22 X 31	610	22 X 36	900
100	16 X 31	950	18 X 31	630			22 X 36	780	22 X 36	1080

I~ 额定纹波电流 Rated ripple current: (mA, 105°C, 120Hz)

Multiplier for ripple current

w.v Frequency Factor	120	1K	10 ~ 30K	30 ~ 100K
	200 ~ 250	0.55	0.85	0.90
350 ~ 450	0.50	0.85	0.90	1.00