



ALUMINUM ELECTROLYTIC CAPACITOR

RB

High Temperature, High Ripple Current, Long Life Assurance

☆ High temperature, high ripple current at high frequency, load life of 3000~4000 hours at 130°C

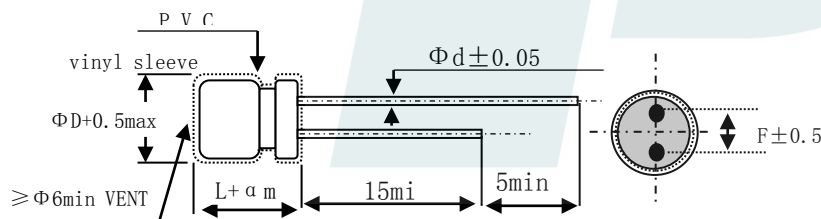
☆ Specially designed for electronic ballast and energy-save lamp

■ Specifications

Operating temperature range	-40~+130°C			-25~+130°C		
Rated voltage range	200to400V DC			450V DC		
Nominal capacitance range	1 ~ 150μF					
Capacitance tolerance	±20% (25°C, 120Hz)					
Leakage current	1 ≤ 0.02CRUR + 10 (μA) ( 2minutes )			1 ≤ 0.03CRUR + 10 (μA) ( 2minutes )		
Tg δ	UR (V)	200	250	350	400	450
Dissipation	tg δ	0.08	0.08	0.08	0.08	0.12
Temperature	UR (V)	200	250	350	400	450
	Z-25°C / Z+20°C	3	3	5	5	6
	Z-40°C / Z+20°C	6	6	6	6	/
Load life	After applying rated voltage with specified ripple current for 4000 hours at +130°C and then resumed 16h Capacitance change: Within ±30% of the initial measured value Leakage current: Not more than the initial specified value Dissipation factor: Not more than 300% of the initial specified value					
Shelf life	After storage for 1000 hours at +130°C then resumed 16 hours; Capacitance change: With ±30% of the initial measured value Leakage current: Not more than 200% of the initial specified value Dissipation factor: Not more than 300% of the initial specified value					

■ Case size table

Unit:mm



ΦD	6	8	10	12	13	16	18
F	2.5	3.5	5.0		7.5		
Φd	0.5		0.6		0.8		
α	1.0		1.5		2.0		

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

CR (μF)	item code	UR (V)		200 (2D)		250 (2E)		350 (2V)		400 (2G)		450 (2W)	
		D×L (mm)	Ripple (mA)	D×L (mm)	Ripple (mA)	D×L (mm)	Ripple (mA)	D×L (mm)	Ripple (mA)	D×L (mm)	Ripple (mA)		
1	010							8×12	41	10×13	48	8×16	54
2.2	2R2					8×12	54	10×16	60	10×16	64	10×16	67
3.3	3R3	8×12	63	10×13	70	10×16	74	10×16	76	10×16	76	10×16	78
4.7	4R7	10×13	70	10×16	78	10×20	90	10×20	94	10×20	94	10×20	94
6.8	6R8	8×16	84	10×16	86	12.5×20	156	12.5×20	166	12.5×20	166	12.5×20	110
10	100	10×16	180	10×16	204	12.5×20	204	12.5×20	204	12.5×20	204	12.5×20	216
15	150	10×20	306	12.5×20	320	12.5×25	220	12.5×25	216	12.5×25	216	12.5×25	256
22	220	12.5×20	350	12.5×25	390	16×25	240	16×25	269				
33	330	12.5×20	420	12.5×25	395	16×30	290	16×30	360				
47	470	12.5×25	488	16×25	418	16×35	375	18×35	504				
68	680	16×25	507	16×30	562	18×35	512	18×40	620				
100	101	16×35	656	18×30	764								
150	151	18×35	879										