

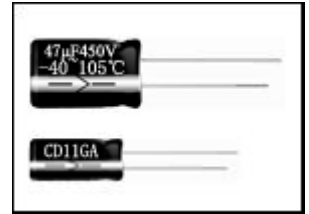


DONGGUAN CITY AMAZING ELECTRONICS CO., LTD.

ALUMINUM ELECTROLYTIC CAPACITOR

WH 8000 hours energy save lamp Standard Series

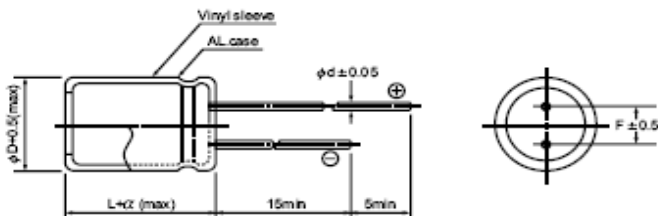
- +105°C high ripple current, 8000 hours extremely long life.
- High-reliability and professional applications.
- Used of energy-save lamp and ballast and other industrial electronic etc.



• Specifications

Item	Performance Characteristics				
Operating temperature rang	- 40 ~ +105°C				
Rated voltage range	200 ~450V				
Nominal capacitance range	1 ~ 100UF				
Capacitance tolerance	±20% (120Hz, +20°C)				
Leakage current	Rated voltage	200-250		350-450	
	LG	0.01CV (UA) or 3UA 2 minutes Whichever is greater		0.06CV~10UA 1 minute	
Dissipation factor (+20°C, 120HZ)	U _R (V)	200	250	400	450
	tanδ	0.08	0.08	0.08	0.12
Temperature characteristics (Impedance ratio at 120Hz)	After applying rated working voltage for 8000 hours at 105°C and the being stabilized at +25°C capacitors shall meet following limits				
	capacitance change	within ±20% of the initial measured value			
	Dissipation factor	Less than 200% of the specified value			
	Leakage current	within specified value			
Load life	After applying of the rated voltage plus the rated current at +105°C of 5000 hours the capacitors shall meet				
	Capacitance change	±30% Initial measured value(4V 及 Φ3≤: ±30%)			
	Leakage current	≤ Initial specified value			
	Dissipation factor	≤ 300% Initial specified value			
Shelf life	After leaving capacitors under on load at +105°C for 1000 hours ,U _R to be applied for 30minutes capacitors Shall meet the specified value for load life Character listed above				

• Case size table Unit: (mm)



D	±0.5	±1.0			
	8	10	12	13	16
F ± 0.5	3.5	5.0			7.5
d ± 0.05	0.5	0.6			0.8

• Coefficient of allowable ripple current

U _R (V)	Frequency (Hz)				
	120	1K	10~30K	30~100K	
200~250	3.3~100	0.55	0.85	0.95	1.20
350~450	1~47	0.50	0.80	0.90	1.00

• Dimensions

C _R (uF)	WV(SV)	200V		250V		350V		400V		450V	
	Code	(2D)		(2E)		(2V)		(2G)		(2W)	
1	(010)					8x12	60	8x12	70	8x12	80
1.8	(1R8)					10x12	70	10x16	80	10x12	90
2.2	(2R2)					10x12	80	10x16	90	10x12	100
3.3	(3R3)			8x12	90	10x16	95	10x16	105	10x16	115
4.7	(4R7)			10x16	100	10x16	120	10x20	120	10x20	120
6.8	6R8			8x16	108	10x20	152	10x20	168	12x20	180
8.2	8R2			10x16	118	12x20	250	12x20	168	13x20	270
10	(100)	10*16	235	10x20	250	12x20	250	13x20	260	13x20	280
15	150	10x20	235	10x20	272	13x20	282	13x25	290	13x25	300
22	(220)	10x21	260	13x20	308	13x25	300	16x25	320	16x30	330
33	(330)	12x25, 13x20	300	13x25	340	16x25	320	16x30	350	16x35	380
47	470	13x25	350	16x25	370	16x30	360	16x35	400	16x35	450
68	680	16x25	480	16x30	520						
100	101	16x30	680	16x35	720					Case Size	Ripple

Size: ΦD×L(mm)

Ripple Current: (mA/105°C, 100/120Hz)