



Features

- 105°C, 8000 hours, high Ripple, Low impedance, Long life.
- Designed for electronic ballast, energy-save lamp and special lighting power.

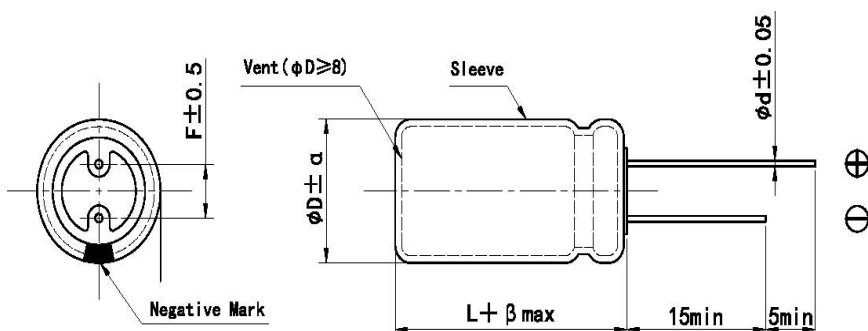


◆ Specifications

Item	Characteristics								
Rated Voltage Range	200~400V.DC								
Operating Temperature Rang	-40°C ~ +105°C								
Capacitance Tolerance	±20%(M) (25°C, 100 or 120Hz)								
Leakage Current	$I \leq 0.02C_R U_R (\mu A) + 10 (\mu A)$ After 5 minutes at 25°C. (25°C, 100 or 120Hz)								
Dissipation Factor	<table border="1"> <tr> <td>$U_R(V)$</td> <td>200</td> <td>250</td> <td>400</td> </tr> <tr> <td>$tg\delta$</td> <td>0.12</td> <td>0.12</td> <td>0.15</td> </tr> </table> <p>Add 0.02 per 1000μF for more than 1000μF.</p>	$U_R(V)$	200	250	400	$tg\delta$	0.12	0.12	0.15
$U_R(V)$	200	250	400						
$tg\delta$	0.12	0.12	0.15						
Low Temperature Characteristics	Impedance ratio at 100Hz or 120Hz shall not exceed the values given in the below table. <table border="1"> <tr> <td>$U_R(V)$</td> <td>200</td> <td>250</td> <td>400</td> </tr> <tr> <td>$Z_{-40^\circ C}/Z_{+20^\circ C}$</td> <td>6</td> <td>6</td> <td>10</td> </tr> </table>	$U_R(V)$	200	250	400	$Z_{-40^\circ C}/Z_{+20^\circ C}$	6	6	10
$U_R(V)$	200	250	400						
$Z_{-40^\circ C}/Z_{+20^\circ C}$	6	6	10						
Shelf Life	After storage at 105°C for 1000 hours, the capacitors shall meet the following requirements. <table border="1"> <tr> <td>Capacitance Change</td> <td>Within ±20% of the initial value</td> </tr> <tr> <td>Dissipation Factor</td> <td>Not more than 200% of the specified value</td> </tr> <tr> <td>Leakage Current</td> <td>Not more than 200% of the specified value</td> </tr> </table>	Capacitance Change	Within ±20% of the initial value	Dissipation Factor	Not more than 200% of the specified value	Leakage Current	Not more than 200% of the specified value		
Capacitance Change	Within ±20% of the initial value								
Dissipation Factor	Not more than 200% of the specified value								
Leakage Current	Not more than 200% of the specified value								
Load Life	After application of rated voltage with rated ripple current for the 8000hours at +105°C, the capacitors shall meet the following limits. <table border="1"> <tr> <td>Capacitance Change</td> <td>Within ±20% of the initial value</td> </tr> <tr> <td>Dissipation Factor</td> <td>Not more than 200% of the specified value</td> </tr> <tr> <td>Leakage Current</td> <td>Not more than the specified value</td> </tr> <tr> <td>Impedance</td> <td>Not more than 300% of the specified value</td> </tr> </table>	Capacitance Change	Within ±20% of the initial value	Dissipation Factor	Not more than 200% of the specified value	Leakage Current	Not more than the specified value	Impedance	Not more than 300% of the specified value
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Dissipation Factor	Not more than 200% of the specified value								
Leakage Current	Not more than the specified value								
Impedance	Not more than 300% of the specified value								
Others	Meet Q/RME 42-2008, GB/T 5993-2003								

◆ Dimensions

mm



D	6.3	8	10	13
d	0.5		0.6	0.6
F	2.5	3.5	5.0	
α	0.5			
β	1.0	2.0		



◆ **Size, Max Ripple Current And Impedance**

Voltage (V)	Cap. (μF)	Size ΦD×L (mm)	tgδ	Z (Ω, 25°C, 100KHz)	I _R (mA _{rms} , 105°C, 100KHz)
200	6.8	8×12	0.12	3.0	112
	10	10×12	0.12	2.4	178
	15	10×16	0.12	2.1	215
	22	10×16	0.12	1.5	250
	22	10×20	0.12	1.2	300
250	4.7	10×12	0.12	2.0	105
	4.7	10×16	0.12	2.0	122
	6.8	10×12	0.12	2.0	127
	10	10×16	0.12	1.2	175
	10	10×20	0.12	1.2	194
	22	13×25	0.12	1.2	365
400	1	6.3×11	0.15	17	36
	1.5	6.3×11	0.15	15	48
	1.8	8×12	0.15	8.0	72
	2.2	8×16	0.15	6.0	80
	2.2	10×12	0.15	6.0	82
	3.3	10×12	0.15	4.0	122
	4.7	10×12	0.15	3.0	126
	4.7	10×16	0.15	2.8	144
	5.6	10×16	0.15	2.8	149
	6.8	10×16	0.15	2.8	158
	10	10×20	0.15	2.2	212
	22	13×25	0.15	2.0	380

◆ **Ripple Current Multiplier**

Frequency Coefficient

Frequency (Hz)	50/60	100/120	1K	10K	100K
Coefficient	0.50	0.60	0.85	0.95	1.0