FEATURES

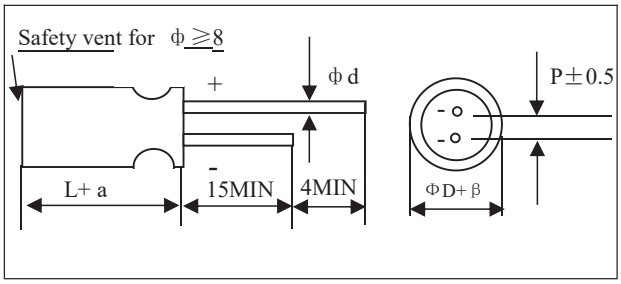
1、Specially designed for electronic ballast and energy-save lamp
2、Load life 8000-10000 hrs at 105℃.
3、Safety vent construction design.
4、ROHS Compliant

SPECIFICATIONS

<table>
<tr><td>Item</td><td>Performance Characteristics</td></tr>
<tr><td>Operating Temperature Range</td><td>-25 to +105℃</td></tr>
<tr><td>Rated Working voltage Range</td><td>160 to 450V DC</td></tr>
<tr><td>Nominal Capacitance Range</td><td>1 to 330(uF)</td></tr>
<tr><td>Capacitance Tolerance</td><td>±20%（120Hz，+20℃）</td></tr>
<tr><td>Leakage Current</td><td>I≤0.03CV+100(uA)after 2minutes with rated working voltage applied at +20℃</td></tr>
<tr><td>Dissipation Factor tan δ
(120Hz+20℃)</td><td>
<table>
<tr><td>Working voltage(V)</td><td>160</td><td>200</td><td>250</td><td>350</td><td>400</td><td>450</td></tr>
<tr><td>Tan δ (max.)</td><td>0.10</td><td>0.10</td><td>0.10</td><td>0.12</td><td>0.12</td><td>0.12</td></tr>
</table>
</td></tr>
<tr><td>Multiplier for Ripple Current vs. Frequency</td><td>
<table>
<tr><td>Frequency(Hz)</td><td>120</td><td>1K</td><td>10K</td><td>10K≤</td></tr>
<tr><td>Multiplier</td><td>1.0</td><td>1.5</td><td>1.70</td><td>1.90</td></tr>
</table>
</td></tr>
<tr><td>Multiplier for Ripple Current vs. Temperature</td><td>
<table>
<tr><td>Temperature℃</td><td>45</td><td>60</td><td>70</td><td>85</td><td>105</td></tr>
<tr><td>Multiplier</td><td>2.10</td><td>1.90</td><td>1.40</td><td>1.25</td><td>1.00</td></tr>
</table>
</td></tr>
<tr><td>Low Temperature Characteristics</td><td>Impedance ratio max.at 120Hz
<table>
<tr><td>Working voltage(V)</td><td>160</td><td>200</td><td>250</td><td>350</td><td>400</td><td>450</td></tr>
<tr><td>Z-25℃/Z+20℃</td><td>3</td><td>3</td><td>3</td><td>6</td><td>6</td><td>6</td></tr>
</table>
</td></tr>
<tr><td>High Temperature Loading</td><td>Test conditions
Duration : As right
Ambient temperature :+105℃
Applied voltage :Rated DC working voltage
<table>
<tr><td>φD</td><td>Life(hours)</td></tr>
<tr><td>8φ</td><td>8000</td></tr>
<tr><td>≥10φ</td><td>10000</td></tr>
</table>
Post test requirements at +20℃
Leakage current : ≤ Initial specified value
Capacitance change : ≤±20% of initial measured value
tan δ : ≤200% of initial specified value</td></tr>
<tr><td>Shelf life</td><td>Test conditions
Duration :1000 hours
Ambient temperature :+105℃
Applied voltage : (None)
After test requirement at +20℃:Same limits as Load life.
Pre-treatment for measurements shall be conducted after application of DC working voltage for 30 minutes</td></tr>
<tr><td>Others</td><td>JIS C-5141 JIS C-5102</td></tr>
</table>

CASE SIZE TABLE

Unit:mm



Dφ	8	8	10	13	16	18
P	3.5	3.5	5.0	5.0	7.5	7.5
dφ（±0.05）	0.5	0.6			0.8	

aMAX	(L＜20)1.5
	(L≥20)2.0

β MAX	(D<20)0.5
	(D≥20)1.0

D×L(mm)

DIMENSIONS

WV(SV)		160(200)		200(250)		250(300)		350(400)		400(450)		450(500)	
Cap.(uF)	Code	2C		2D		2E		2V		2G		2W	
1.0	105							8×12	82	10×12.5	88	10×12.5	92
2.2	225							10×12.5	88	10×12.5	92	10×12.5	96
3.3	335					8×12	82	10×12.5	92	10×17	105	10×17	108
4.7	475					10×12.5	108	10×17	108	10×20	118	10×20	122
6.8	685			10×12.5	108	10×12.5	112	10×17	116	10×20	122	10×20	132
10	106	10×17	128	10×17	126	10×17	142	10×20	152	13×21	175	13×21	185
22	226	10×20	205	10×20	202	13×21	205	13×21	262	13×25	270	16×22	288
33	336	10×20	255	13×21	265	13×21	322	13×25	365	16×26	375	16×26	395
47	476	13×21	305	13×21	392	13×25	395	16×26	432	16×30	468	18×30	480
68	686	13×21	475	16×22	485	16×26	525	18×26	565	18×30	585	18×41	632
100	107	16×22	585	16×26	635	16×30	682	18×36	705	18×41	792	18×45	852
150	157	16×26	692	18×26	842	18×36	865	18×45	965				
220	227	18×30	985	18×36	1055	18×45	1132						
330	337	18×41	1255									Case size	Allowable ripple

Allowable Ripple (mA rms)at 105℃120Hz