FEATURES

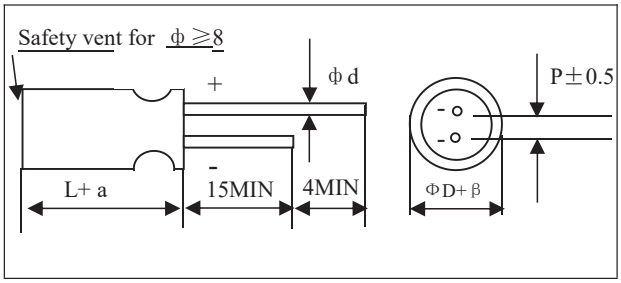
1、Specially designed for electronic ballast and energy-save lamp.
2、Load life 6000-8000 hrs at 105℃.
3、Safety vent construction design.
4、ROHS Compliant

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>6000</td></tr>
<tr><td>≥10φ</td><td>8000</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	78	8×12	68	8×12	86
2.2	225					8×12	72	8×12	82	8×12	86	10×12.5	92
3.3	335					8×12	78	10×12.5	88	10×12.5	98	10×17	108
4.7	475			8×12	82	10×12.5	102	10×12.5	105	10×17	112	10×17	120
6.8	685			8×12	102	10×12.5	108	10×17	115	10×17	120	10×20	130
10	106	10×12.5	110	10×12.5	118	10×17	135	10×20	145	10×20	165	13×21	180
22	226	10×17	175	10×17	175	10×20	195	13×21	250	13×25	235	16×22	280
33	336	10×20	240	10×20	250	13×21	310	13×25	345	13×29	315	16×26	375
47	476	13×21	290	13×21	375	13×25	375	16×26	415	16×30	450	18×30	460
68	686	13×21	450	13×25	460	16×26	500	18×26	535	18×30	555	18×36	605
100	107	16×22	555	16×26	605	16×30	650	18×36	670	18×41	755	18×45	825
150	157	16×26	660	16×30	830	18×30	780						
220	227	18×30	770	18×30	1010								
330	337	18×36	1095									Case size	Allowable ripple

Allowable Ripple (mA rms)at 105℃120Hz