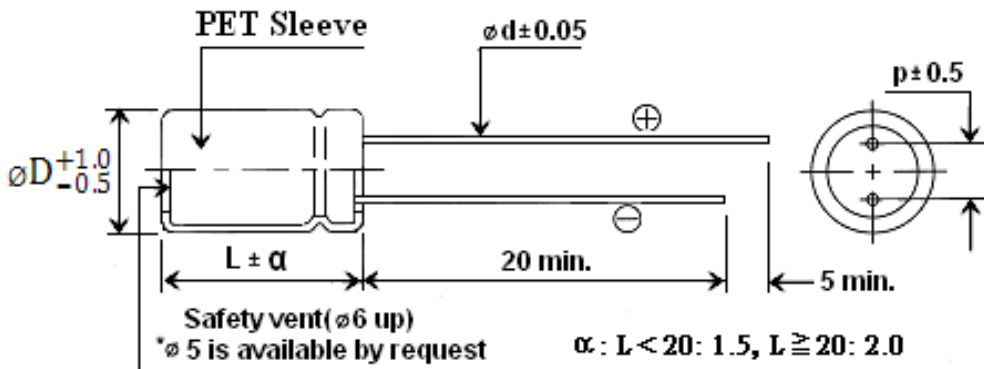


- EFK series capacitors are suitable for electronic ballast and energy saving lamp..
- Load life 105°C, 6000 ~ 8000 hours assured.

**Characteristics**

<b>Voltage Range</b>	160 ~450V												
<b>Temperature Range</b>	-25 ~ +105°C												
<b>Capacitance Range</b>	1 to 330 uF												
<b>Leakage Current</b>	I ≤ 0.04CV+100uA, After 1 minute with rated working voltage applied.												
<b>Capacitance Tolerance</b>	±20% at 120Hz, 20°C ( 10% Tol. is available upon request)												
<b>Dissipation Factor</b>	W.V.	160	200	250	350	400	450						
	tanδ	0.10	0.10	0.10	0.12	0.12	0.12						
<b>Low Temperature Characteristics (120Hz)</b>	W.V.	160	200	250	350	400	450						
	Z-25°C / Z+20°C	3	3	3	6	6	6						
<b>Load life</b>	Test condition Duration time :As right Ambient temperature :+105°C Applied voltage :Rated DC working voltage After test requirement at +20°C Capacitance change: ≤±20% of the initial measured value Dissipation factor: ≤200% of the initial specified value Leakage current : ≤The initial specified value												
	<table border="1"> <tr> <th>φ (mm)</th> <th>Life(hrs)</th> </tr> <tr> <td>8</td> <td>6000</td> </tr> <tr> <td>≥ 10</td> <td>8000</td> </tr> </table> For standard size		φ (mm)	Life(hrs)	8	6000	≥ 10	8000					
φ (mm)	Life(hrs)												
8	6000												
≥ 10	8000												
<b>Shelf life (at 105°C)</b>	Test conditions Duration time : 1000Hrs Ambient temperature :+105°C Applied voltage : None After test requirement at +20°C : Same limits as Load life. Pre-treatment for measurements shall be conducted after application of DC working voltage for 30 minutes.												

**Drawing**



Dφ	5	6.3	8	10	13	16	18
p	2.0	2.5	3.5	5.0	5.0	7.5	7.5
dφ	0.5	0.5	0.5	0.6	0.6	0.8	0.8

**Ripple Current Coefficients**

Frequency(Hz)	120	1K	10K	≥100K
Multiplier	0.50	0.80	0.85	1.0

**Multiplier for R.C. vs Temperature**

Temp.(°C)	45	60	70	85	95	105
Multiplier.	2.10	1.90	1.65	1.40	1.25	1.00

