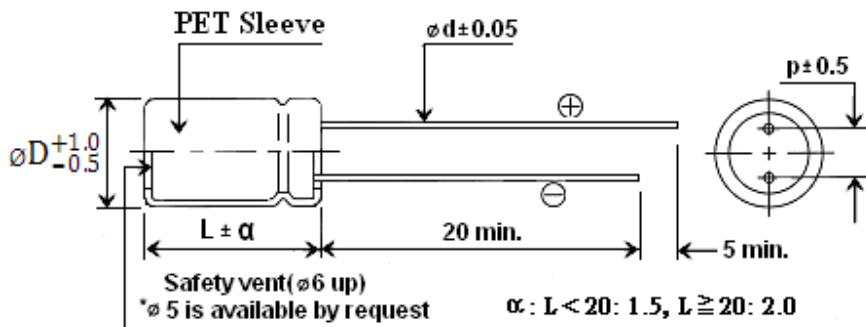


- EFK series capacitors are suitable for electronic ballast and energy saving lamp..
- Load life 105°C, 6000 ~ 8000 hours assured.

Characteristics

Voltage Range	160 ~450V											
Temperature Range	-40 ~ + 105°C											
Capacitance Range	1 to 330 uF											
Leakage Current	$I \leq 0.04CV + 100\mu A$, After 1 minute with rated working voltage applied.											
Capacitance Tolerance	$\pm 20\%$ at 120Hz, 20°C(10% Tol. is available upon request)											
Dissipation Factor	W.V.	160	200	250	350	400	450					
	tanδ	0.10	0.10	0.10	0.12	0.12	0.12					
Low Temperature Characteristics (120Hz)	W.V.	160	200	250	350	400	450					
	Z-25°C / Z+20°C	3	3	3	5	5	6					
	Z-40°C / Z+20°C	6	6	6	6	6	-					
Load life	Test condition Duration time :As right Ambient temperature :+105°C Applied voltage :Rated DC working voltage After test requirement at +20°C Capacitance change: $\leq \pm 20\%$ of the initial measured value Dissipation factor: $\leq 200\%$ of the initial specified value Leakage current : \leq The initial specified value											
	<table border="1"> <thead> <tr> <th>φ (mm)</th> <th>Life(hrs)</th> </tr> </thead> <tbody> <tr> <td>8</td> <td>6000</td> </tr> <tr> <td>≥ 10</td> <td>8000</td> </tr> </tbody> </table> For standard size							φ (mm)	Life(hrs)	8	6000	≥ 10
φ (mm)	Life(hrs)											
8	6000											
≥ 10	8000											
Shelf life (at 105°C)	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	1.0	1.5	1.7	1.9

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

