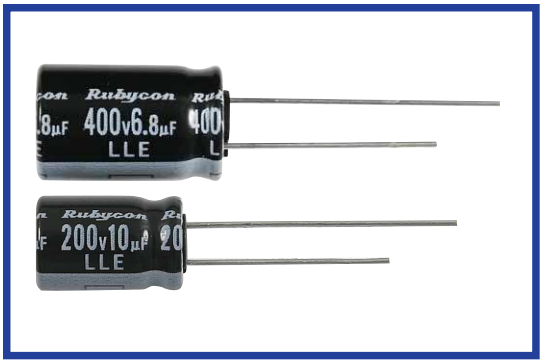
LLE SERIES NEW

Load Life: 105℃ 12000 - 20000hours.



◆FEATURES

- Ultra Long Life.
- For LED Lighting.
- RoHS compliance.

◆SPECIFICATIONS

Items	Characteristics
Category Temperature Range	−40～+105℃
Rated Voltage Range	160～400V.DC
Capacitance Tolerance	±20%(20℃,120Hz)
Leakage Current(MAX)	CV≦1000: I=0.1CV+40μA (1minute), I=0.03CV+15μA (5minutes) CV>1000: I=0.04CV+100μA (1minute), I=0.02CV+25μA (5minutes) I=(μA) Leakage Current C=(μF) Rated Capacitance V=(V) Rated Voltage
(tanδ) Dissipation Factor(MAX)	Rated Voltage: 160 / 200 / 400; tanδ: 0.24 / 0.24 / 0.24 (20℃,120Hz)
Endurance	After life test with rated ripple current at conditions stated in the table below, the capacitors shall meet the following requirements.
Low Temperature Stability Impedance Ratio(MAX)	Rated Voltage: 160 / 200 / 400 Z(−25℃)/Z(20℃): 3 / 3 / 6 Z(−40℃)/Z(20℃): 8 / 8 / 10 (120Hz)

Endurance:

Capacitance Change	Within ±30% of the initial value.
Dissipation Factor	Not more than 300% of the specified value.
Leakage Current	Not more than the specified value.

Case Size	(hrs) Life Time
6.3×11,8×9,10×9	12000
8×11.5,10×12.5	15000
10×16	20000

◆MULTIPLIER FOR RIPPLE CURRENT

Frequency Coefficient

(Hz) Frequency		120	1k	10k	100k≦
Coefficient	1～5.6μF	1.0	1.6	1.8	2.0
	6.8～18μF	1.0	1.5	1.7	1.9
	22～33μF	1.0	1.4	1.6	1.8

◆OPTION

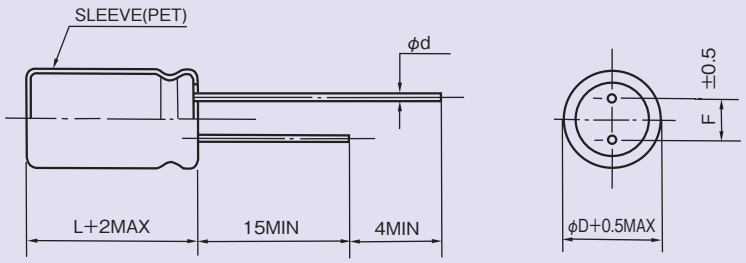
	Code
PET Sleeve	EFC

◆PART NUMBER

□□□ Rated Voltage | LLE Series | □□□□□ Rated Capacitance | M Capacitance Tolerance | □□□ Option | □□ Lead Forming | D×L Case Size

◆DIMENSIONS

(mm)



ϕD	6.3	8	10
ϕd	0.5	0.6	
F	2.5	3.5	5

◆STANDARD SIZE

Size ϕD×L(㎜), Ripple Current (mA r.m.s./105℃, 120Hz)

WV(V.DC)	Cap(μF)	Size	Ripple
160 (2C)	5.6	6.3×11	52
	10	8×9	70
	15	8×11.5	92
		10×9	95
	22	10×12.5	121
	33	10×16	158
200 (2D)	2.2	6.3×11	36
	3.3	6.3×11	42
	4.7	6.3×11	49
	5.6	8×9	56
	6.8	8×9	62
	8.2	8×9	66
	10	8×11.5	80
	12	10×9	88
	18	10×12.5	113
	27	10×16	149

WV(V.DC)	Cap(μF)	Size	Ripple
400 (2G)	1	6.3×11	24
	1.2	8×9	28
	1.5	8×9	30
	1.8	8×9	33
	2.2	8×9	36
		8×11.5	40
	2.7	8×11.5	43
	3.3	8×11.5	47
		10×9	48
	3.9	10×12.5	57
	4.7	10×12.5	61
	6.8	10×16	85