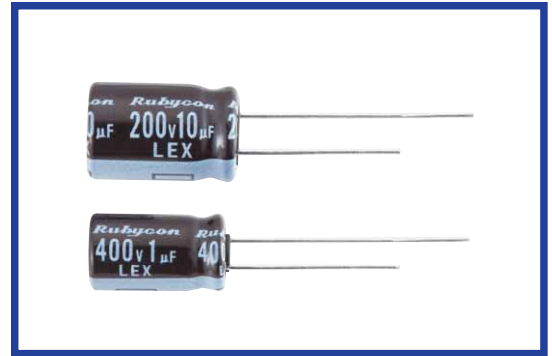


LEX SERIES

Load Life: 125°C 4000~5000 hours

◆FEATURES

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



◆SPECIFICATIONS

Items	Characteristics				
Category Temperature Range	-40~+125°C				
Rated Voltage Range	160~400Vdc				
Capacitance Tolerance	±20% (20°C, 120Hz)				
Leakage Current(MAX)	CV≤1000		CV>1000		I=Leakage Current(μA) C=Capacitance(μF) V=Rated Voltage(Vdc)
	I=0.1CV+40μA (1minute) I=0.03CV+15μA (5minutes)		I=0.04CV+100μA (1minute) I=0.02CV+25μA (5minutes)		
(tanδ) Dissipation Factor(MAX)	Rated Voltage (Vdc)	160	200	250	400 (20°C, 120Hz)
	tanδ	0.24	0.24	0.24	0.24
Endurance	After applying rated voltage with rated ripple current for specified time at 125°C, the capacitors shall meet the following requirements.				
	Capacitance Change	Within ±30% of the initial value.			Case Size
	Dissipation Factor	Not more than 300% of the specified value.			Life Time (hrs)
	Leakage Current	Not more than the specified value.			6.3×11, 8×9, 10×9
					8×11.5, 10×12.5, 10×16
Low Temperature Stability Impedance Ratio(MAX)	Rated Voltage (Vdc)	160	200	250	400 (120Hz)
	Z(-25°C)/Z(20°C)	3	3	6	6
	Z(-40°C)/Z(20°C)	8	8	10	12

◆MULTIPLIER FOR RIPPLE CURRENT

Frequency (Hz)		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

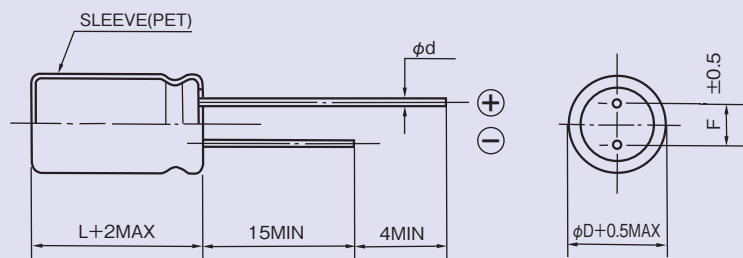
	Code
PET Sleeve	EFC

◆PART NUMBER

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

◆ DIMENSIONS

(mm)



ϕD	6.3	8	10
ϕd	0.5	0.6	
F	2.5	3.5	5

◆ STANDARD SIZE

Rated Voltage (Vdc)	Capacitance (μF)	Size $\phi D \times L$ (mm)	Rated Ripple Current (mA r.m.s., 125°C)	
			120Hz	100kHz
160	5.6	6.3×11	52	104
	10	8×9	70	133
	15	8×11.5	92	174
		10×9	95	180
	22	10×12.5	121	217
	33	10×16	158	284
200	2.2	6.3×11	36	72
	3.3	6.3×11	42	84
	4.7	6.3×11	49	98
	5.6	8×9	56	112
	6.8	8×9	62	117
	8.2	8×9	66	125
	10	8×11.5	80	152
	12	10×9	88	167
	18	10×12.5	113	214
	27	10×16	149	268

Rated Voltage (Vdc)	Capacitance (μF)	Size $\phi D \times L$ (mm)	Rated Ripple Current (mA r.m.s., 125°C)	
			120Hz	100kHz
250	1.8	6.3×11	33	66
	2.2	6.3×11	36	72
	3.3	6.3×11	42	84
	4.7	8×9	53	106
	5.6	8×11.5	56	112
	6.8	8×11.5	68	129
	8.2	10×9	76	144
	10	10×12.5	83	157
	12	10×12.5	97	184
	18	10×16	127	241
400	1	6.3×11	24	48
	1.2	8×9	28	56
	1.5	8×9	30	60
	1.8	8×9	33	66
	2.2	8×9	36	72
		8×11.5	40	80
	2.7	8×11.5	43	86
	3.3	8×11.5	47	94
		10×9	48	96
	3.9	10×12.5	57	114
	4.7	10×12.5	61	122
	6.8	10×16	85	161