

CFX SERIES

Load Life : 105°C 5000 hours.

◆FEATURES

- High Ripple Current.
- For Electronic Ballast, Power Supply.
- RoHS compliance.



◆SPECIFICATIONS

Items	Characteristics				
Category Temperature Range	-25~+105℃				
Rated Voltage Range	200~400V.DC				
Capacitance Tolerance	±20% (20℃,120Hz)				
Leakage Current(MAX)	CV≤1000 I=0.1CV+40μA (1 minute) I=0.03CV+15μA (5 minute)		CV>1000 I=0.04CV+100μA (1 minute) I=0.02CV+25μA (5 minute)		I=Leakage Current(μA) C=Capacitance(μF) V=Rated Voltage(V)
Dissipation Factor(MAX) (tanδ)	Rated Voltage (V) tanδ	200 0.15	250 0.15	350 0.20	400 0.20
Endurance	After applying rated voltage with rated ripple current for 5000 hrs at 105℃, the capacitors shall meet the following requirements.				
	Capacitance Change		Within ±20% of the initial value.		
	Dissipation Factor		Not more than 200% of the specified value.		
	Leakage Current		Not more than the specified value.		
Low Temperature Stability Impedance Ratio(MAX)	Rated Voltage (V) Z(-25℃)/Z(20℃)	200 3	250 3	350 6	400 6

◆MULTIPLIER FOR RIPPLE CURRENT

Frequency (Hz)		120	1k	10k	100k≤
Coefficient	2.2~4.7µF	0.2	0.4	0.8	1.0
	6.8~10µF	0.3	0.6	0.9	1.0
	22~100µF	0.5	0.8	0.9	1.0

◆OPTION

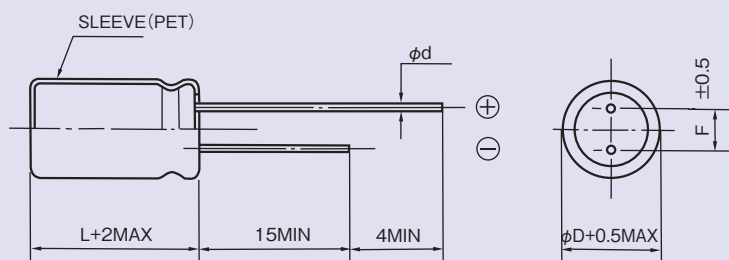
	Code
PET Sleeve	EFC

◆PART NUMBER

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

◆DIMENSIONS

(mm)



ϕD	10	12.5	16
ϕd	0.6		0.8
F	5.0		7.5

◆STANDARD SIZE

Size $\phi D \times L$ (mm), Ripple Current (mA r.m.s./105°C, 100kHz)

V.DC Cap(μF)	200 (2D)		250 (2E)	
	Size	Ripple	Size	Ripple
10	10×16	300	10×16	300
22	10×16	360	10×20	500
33	10×20	500	12.5×20	600
47	12.5×20	660	12.5×25	720
68	12.5×25	760	16×25	920
100	16×25	1120		

V.DC Cap(μF)	350 (2V)		400 (2G)	
	Size	Ripple	Size	Ripple
2.2			10×16	160
3.3	10×16	180	10×16	180
4.7	10×16	220	10×16	220
6.8	10×16	220	10×16	220
8.2			8×23	400
10	10×20	280	10×20	280
22	12.5×20	350	12.5×25	430
33	12.5×25	430	16×25	640
47	16×25	660		