

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°C				
Rated Voltage Range	200~400V.DC				
Capacitance Tolerance	±20% (20°C, 120Hz)				
Leakage Current(MAX)	CV≤1000		CV>1000		I=Leakage Current(µA) C=Capacitance(µF) V=Rated Voltage(V)
	I=0.1CV+40µA (1 minute) I=0.03CV+15µA (5 minute)		I=0.04CV+100µA (1 minute) I=0.02CV+25µA (5 minute)		
(tanδ) Dissipation Factor(MAX)	Rated Voltage (V)	200	250	350	400 (20°C, 120Hz)
	tanδ	0.15	0.15	0.20	0.20
Endurance	After applying rated voltage with rated ripple current for 5000 hrs at 105°C, 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)	200	250	350	400 (120Hz)
	Z(-25°C)/Z(20°C)	3	3	6	6

◆MULTIPLIER FOR RIPPLE CURRENT

Frequency Coefficient

Frequency (Hz)	120	1k	10k	100k≤
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

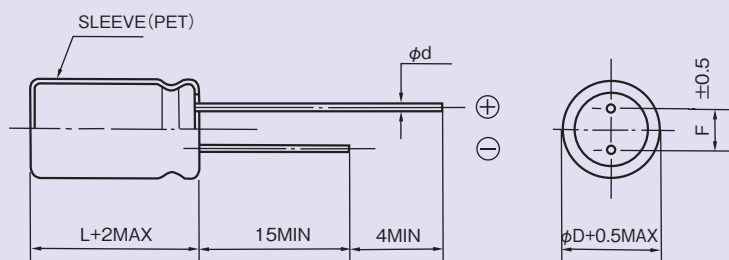
	Code
PET Sleeve	EFC

◆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)

WV(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		

WV(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		