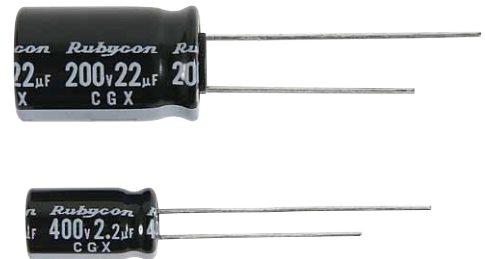


CGX SERIES

Load Life: 105°C 8000hours

• For LED Lighting.

RoHS
compliance

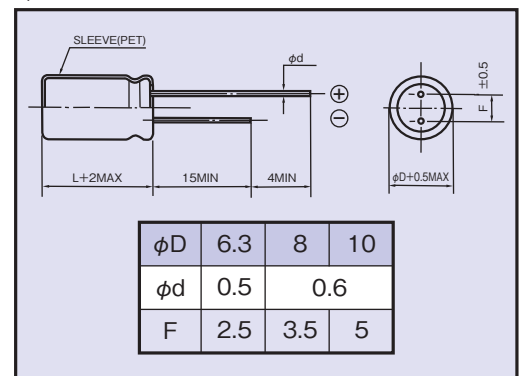


◆SPECIFICATIONS

Items	Characteristics			
Category Temperature Range	-40~+105℃			
Rated Voltage Range	200, 400Vdc			
Capacitance Tolerance	±20% (20℃, 120Hz)			
Leakage Current(MAX)	CV≤1000		CV>1000	
	I=0.1CV+40μA (1minute)		I=0.04CV+100μA (1minute)	
	I=0.03CV+15μA (5minutes)		I=0.02CV+25μA (5minutes)	
I=Leakage Current(μ A) C=Capacitance(μ F) V=Rated Voltage(Vdc)				
Dissipation Factor(MAX) (tan δ)	Rated Voltage (Vdc)	200	400	(20℃, 120Hz)
	tanδ	0.20	0.25	
Endurance	After applying voltage with rated ripple current for 8000 hours at 105℃, the capacitors shall meet the following requirement.			
	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 (Vdc)	200	400	(120Hz)
	Z(-25℃)/Z(20℃)	3	6	
	Z(-40℃)/Z(20℃)	8	16	

◆DIMENSIONS

(mm)



◆MULTIPLIER FOR RIPPLE CURRENT

Frequency (Hz)	120	1k	10k	100k
Coefficient	1.0	1.7	2.2	2.5

◆OPTION

	Code
PET Sleeve	EFC

◆STANDARD SIZE

Size φDXL(mm), Ripple Current (mA r.m.s./105°C)

Rated Voltage (Vdc)	Capacitance (µF)	Size	Ripple	
			120Hz	100kHz
200	4.7	6.3×11	56	140
	5.6	6.3×11	60	150
	6.8	6.3×11	68	170
	8.2	8×11.5	96	240
	10	8×11.5	104	260
	12	8×11.5	112	280
	15	8×16	144	360
	18	10×12.5	148	370
	22	10×16	164	410
	27	10×16	200	500
			208	520

Rated Voltage (Vdc)	Capacitance (µF)	Size	Ripple	
			120Hz	100kHz
400	1.5	6.3×11	36	90
	1.8	6.3×11	38	95
	2.2	6.3×11	40	100
	2.7	8×11.5	60	150
	3.3	8×11.5	64	160
	3.9	8×11.5	68	170
	4.7	8×16	88	220
		10×12.5	92	230
	5.6	10×12.5	100	250
	6.8	10×16	120	300
	8.2	10×16	128	320

◆PART NUMBER

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