

GRP

BXA

◆ SPECIFICATIONS

Items	Characteristics					
Category	—25°C~105°C					
Temperature Range	—25°C~105°C					
Rated Voltage Range	160V~450V DC					
Capacitance Tolerance (20°C/120Hz)	±20%					
Leakage Current(MAX)	I=0.03CV+15μA (After 2 minutes) I: Leakage Current(μA) C: Capacitance(μF) V: Rated Voltage(V)					
Dissipation Factor (20°C/120Hz)	Rated Voltage(V)	160~200	250	350	400	450
	tgδ	0.15	0.15	0.20	0.20	0.25
Endurance	After life test with rated ripple current for 10000 hours at 105°C, 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(MAX)	Not more than the specified value.				
Low Temperature Stability	Rated Voltage(V)	160-250		350-450		
	Impedance Ratio < Z (-25°C)/Z(20°C) > 120Hz	3		6		

◆ MULTIPLIER FOR RIPPLE CURRENT

1)Frequency Coefficient

Frequency	50	120	1K	10K	100K
Coefficient	0.50	0.60	0.70	0.80	1.00

2)Temperature Coefficient

Temp.(°C)	105°C	85°C	65°C
Coefficient	1	1.7	2.1

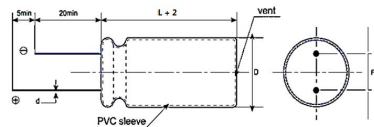
◆ FEATURES

Load Life:105°C 10000~12000 hours.
Excellent endurance of high ripple current and high temperature, low ESR,high stability.
Used for LED,LED Driver, Ballast and CFL.

◆ STANDARD SIZE(Rated ripple current: 105°C 100KHz)

Rated Voltage (V)	160		200		250		350		400		450	
	Size(mm) D×L	Rated ripple current (mArms)	Size(mm) D×L	Rated ripple current (mArms)	Size(mm) D×L	Rated ripple current (mArms)	Size(mm) D×L	Rated ripple current (mArms)	Size(mm) D×L	Rated ripple current (mArms)	Size(mm) D×L	Rated ripple current (mArms)
1							8×12	60	8×12	70	8×12	78
1.2							8×12	63	8×12	73	8×12	80
1.5							8×12	70	8×12	74	8×14	83
1.8					8×12	65	8×12	80	8×12	95	8×14	85
2.2			8×12	70	8×12	80	8×14	90	8×14	100	8×16	91
2.7			8×12	75	8×12	90	8×14	95	8×14	105	8×16	98
3.3			8×12	90	8×12	100	8×16	110	8×16	125	10×16	125
3.9			8×12	100	8×12	110	8×16	115	8×16	135	10×16	135
4.7	8×12	95	8×12	118	8×12	125	8×16	125	10×16	175	10×16	140
5.6	8×12	110	8×12	120	8×14	130	8×16	165	10×16	200	10×20	180
6.8	8×12	118	8×14	138	8×14	155	8×16	210	10×16	230	10×20	230
8.2	8×12	210	8×14	220	8×16	240	10×20	218	10×20	255	12×20	255
10	8×16	270	8×16	280	8×16	280	10×20	255	10×20	270	12×20	270
15	10×16	340	10×16	350	10×16	380	12×20	375	12×20	360	12.5×25	390
22	10×20	470	10×20	440	10×20	490	12.5×25	530	12.5×25	500	16×25	520
33	12×20	560	12×20	580	12×20	600	16×25	620	16×25	650	16×25	650
47	12.5×25	620	12.5×25	660	12.5×25	780	18×25	810	18×25	720	18×25	720
68	12.5×25	800	12.5×25	820	16×25	890	18×30	940	18×30	880	18×30	890
82	16×25	850	16×25	860	16×25	910	22×35	1050	22×35	950	22×35	960
100	16×25	880	18×25	900	18×25	1050	22×35	1150	22×35	1000	22×35	1100

◆ DIMENSIONS



D±0.5	5	6.3	8	10	12	13	16	18	22
F±0.6	2	2.6	3	5		7.5			10
d±0.1	0.5	0.5	0.5	0.6		0.8			0.8