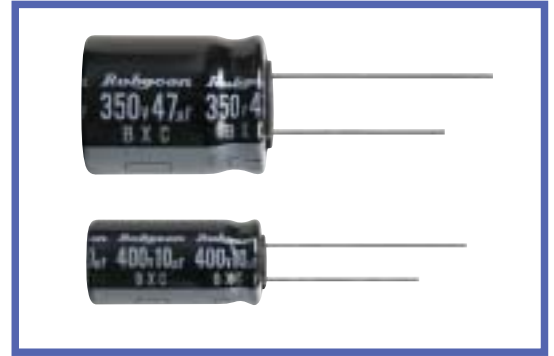


BXC SERIES
UPGRADE
Load Life: 105°C 5000 ~ 10000 Hours.
◆ FEATURES

- High Ripple Current
- For Electronic Ballast
- RoHS compliance.


◆ SPECIFICATIONS

Items	Characteristics	
Category Temperature Range	-25 ~ +105°C	
Rated Voltage Range	160 ~ 450V.DC	
Capacitance Tolerance	±20% (20°C, 120Hz)	
Leakage Current(MAX)	160 ~ 450V.DC	
	CV ≤ 1000	CV > 1000
	I=0.1CV+40μ A (1minute)	I=0.04CV+100μ A (1minute)
	I=0.03CV+15μ A (5minutes)	I=0.02CV+25μ A (5minutes)
	I=Leakage Current(μA)	C=Rated Capacitance(μF)
	V=Rated Voltage(V)	
Dissipation Factor(MAX) (tanδ)	Rated Voltage (V)	160 200 250 350 400 450 (20°C, 120Hz)
	tanδ	0.15 0.15 0.15 0.20 0.20 0.20
Endurance	After life test with rated ripple current at conditions stated in the table below, 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.
	Size	Life Time (hrs)
	8×11.5, 10×12.5	5000
	10×16, 10×20	8000
	φD ≥ 12.5	10000
Low Temperature Stability Impedance Ratio(MAX)	Rated Voltage (V)	160 200 250 350 400 450 (120Hz)
	Z(-25°C)/Z(20°C)	3 3 3 6 6 6

◆ MULTIPLIER FOR RIPPLE CURRENT

Frequency coefficient

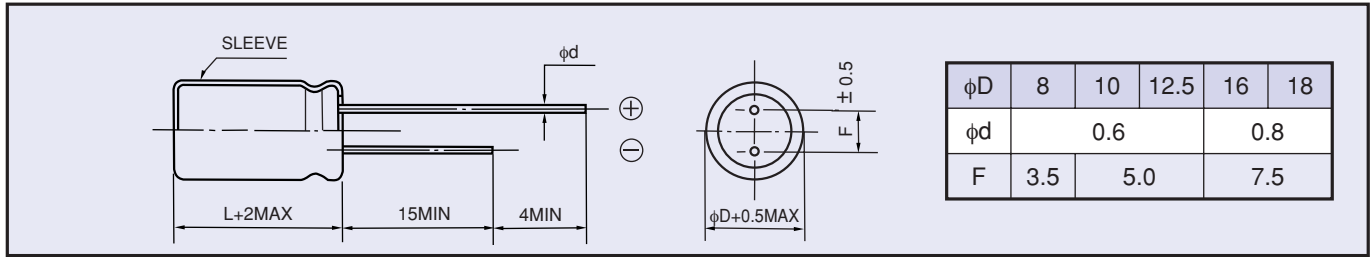
Frequency		120	1k	10k	≥100k
Coefficient	1 ~ 5.6μ F	0.2	0.4	0.8	1.0
	6.8 ~ 15μ F	0.3	0.6	0.9	1.0
	22 ~ 82μ F	0.4	0.7	0.9	1.0
	100 ~ 220μ F	0.45	0.75	0.9	1.0

◆ PART NUMBER

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

◆ DIMENSIONS

(mm)



◆ STANDARD SIZE, RATED RIPPLE CURRENT

Size φD×L(mm), Ripple Current (mA r.m.s./105°C, 100kHz)

WV(V.DC) Cap(μF)	160V(2C)		200V(2D)		250V(2E)	
	Size	Ripple	Size	Ripple	Size	Ripple
4.7					8 × 11.5	160
6.8					10 × 12.5	250
10	10 × 16	320	10 × 16	320	10 × 16	320
22	10 × 20	500	10 × 20	500	10 × 16 10 × 20	470 500
33	10 × 20	650	10 × 20	650	12.5 × 16 12.5 × 20	760 800
47	10 × 20	750	12.5 × 20	980	12.5 × 20 16 × 16	980 850
56					12.5 × 20 18 × 16	1080 960
68	12.5 × 20	1180	12.5 × 25 16 × 20	1300	12.5 × 25 16 × 20	1300 1300
82			16 × 20	1380	12.5 × 30 16 × 20	1500 1440
100	12.5 × 25 16 × 20	1420	16 × 20	1420	16 × 25 18 × 20	1530 1440
120					18 × 20	1500
150	16 × 25	1890	16 × 25	1890	18 × 25	1960
220	18 × 25	2370				

WV(V.DC) Cap(μF)	350V(2V)		400V(2G)		450V(2W)	
	Size	Ripple	Size	Ripple	Size	Ripple
1			8 × 11.5 10 × 12.5	60 70		
1.5			8 × 11.5 10 × 12.5	90 100		
1.8			8 × 11.5 10 × 12.5	95 120		
2.2			8 × 11.5 10 × 12.5	95 140		
3.3			10 × 12.5 10 × 16	150 180		
4.7	10 × 12.5	150	10 × 16	220	10 × 16 10 × 20	180 220
5.6	10 × 12.5	180	10 × 16	250	10 × 16 10 × 20	200 250
6.8	10 × 16	280	10 × 16	280	10 × 16 10 × 20	230 280
8.2					10 × 16 10 × 20	230 280
10	10 × 20	350	10 × 20	350	10 × 20 12.5 × 16 12.5 × 20	330 360 450
15			12.5 × 20	550	12.5 × 20 12.5 × 25 16 × 16	450 600 600
22	12.5 × 20	650	12.5 × 25 16 × 20	760	12.5 × 25 16 × 20 18 × 16	600 730 600
33	16 × 20	900	16 × 20	900	16 × 20 16 × 25 18 × 20	730 980 780
47	16 × 20	1080	16 × 25 18 × 20	1180	18 × 25	1200
68	18 × 25	1470	18 × 25	1470		
82	18 × 25	1530				