



MINIATURE ALUMINUM ELECTROLYTIC CAPACITORS

BXA

BXA SERIES**Previous Series**

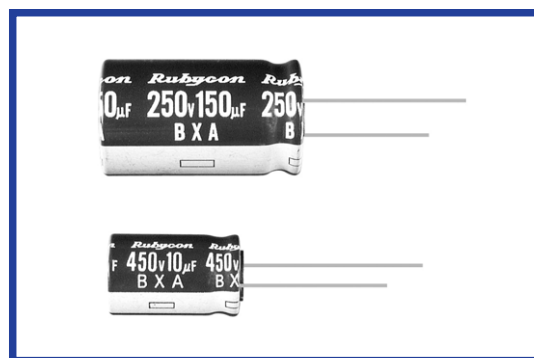
Load Life: 105°C 12000 hours. (φ10: 10000 hours)

◆FEATURES

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

BXA series will be discontinued in due course. In case of new design, the succeeding BXC series will be applied.

We appreciate for your kind understanding and acceptance.



◆SPECIFICATIONS

Items	Characteristics					
Category Temperature Range	-25~+105°C					
Rated Voltage Range	160~450V.DC					
Capacitance Tolerance	±20% (20°C, 120Hz)					
Leakage Current(MAX)	$I=0.04CV+100\mu A$ (After 1 minute application of rated voltage) $I=0.02CV+25\mu A$ (After 5 minutes application of rated voltage) $I=$ Leakage Current(μA) $C=$ Rated Capacitance(μF) $V=$ Rated Voltage(V)					
(tanδ) Dissipation Factor(MAX)	Rated Voltage (V)	160	200	250	350	400 450
	tanδ	0.15	0.15	0.15	0.20	0.20 0.20
Endurance	(20°C, 120Hz)					
	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.				Case Size
	Dissipation Factor	Not more than 200% of the specified value.				Life Time (hrs)
Low Temperature Stability Impedance Ratio(MAX)	Leakage Current	Not more than the specified value.				φD=10
						φD≥12.5
Low Temperature Stability Impedance Ratio(MAX)	Rated Voltage (V)	160	200	250	350	400 450
	Z(-25°C)/Z(20°C)	3	3	3	6	6 6

◆MULTIPLIER FOR RIPPLE CURRENT

Frequency coefficient

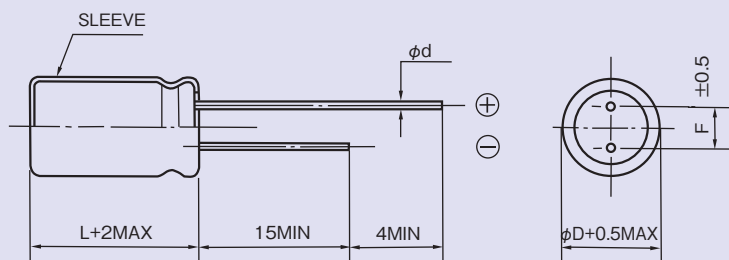
Frequency (Hz)	120	1k	10k	100k≤
Coefficient	0.50	0.80	0.90	1.00

◆PART NUMBER

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

◆DIMENSIONS

(mm)



ϕD	10	12.5	16	18
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)

Cap(μF) \n WV (V.DC)	160 (2C)		200 (2D)		250 (2E)	
	Size	Ripple	Size	Ripple	Size	Ripple
10	10×16	250	10×16	250	10×20	280
22	10×20	500	10×20	500	12.5×20	600
33	10×20	500	12.5×20	600	12.5×20	600
47	12.5×20	660	12.5×20	660	12.5×25 16×20	720
68	12.5×25 16×20	760	12.5×25 16×20	760	16×25 18×20	920
100	16×25 18×20	1120	16×25 18×20	1120	16×31.5 18×25	1200
150	16×31.5 18×25	1360	16×31.5 18×25	1360	18×31.5	1500
220	16×31.5 18×25	1400	18×31.5	1700		

Cap(μF) \n WV (V.DC)	350 (2V)		400 (2G)		450 (2W)	
	Size	Ripple	Size	Ripple	Size	Ripple
6.8	10×16	220	10×16	220	10×20	150
10	10×20	280	10×20	280	12.5×20	320
22	12.5×20	350	12.5×25 16×20	430	16×25 18×20	560
33	16×20	500	16×25 18×20	640	16×31.5 18×25	700
47	16×25 18×20	660	16×31.5 18×25	840	18×31.5	880
68	16×31.5 18×25	850	18×31.5	1000		