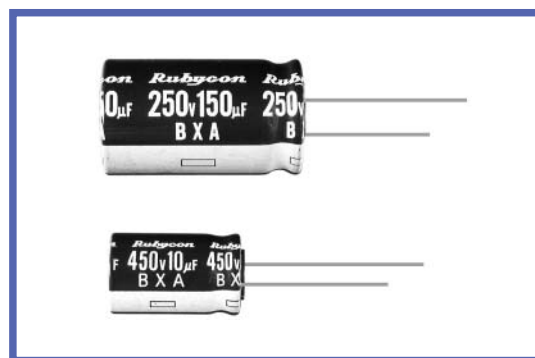


BXA SERIES

Load Life: 105°C 12000 hours. (φ 10: 10000 hours)

◆ FEATURES

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



◆ SPECIFICATIONS

Items	Characteristics																											
Category Temperature Range	-25~+105℃																											
Rated Voltage Range	160~450V.DC																											
Capacitance Tolerance	± 20%(20℃,120Hz)																											
Leakage Current(MAX)	I=0.04CV+100μA (After 1 minute application of rated voltage) I=0.02CV+25μA (After 5 minutes application of rated voltage) I=Leakage Current(μA) C=Rated Capacitance(μF) V=Rated Voltage(V)																											
Dissipation Factor(MAX) (tanδ)	<table><tr><td>Rated Voltage(V)</td><td>160</td><td>200</td><td>250</td><td>350</td><td>400</td><td>450</td></tr><tr><td>tanδ</td><td>0.15</td><td>0.15</td><td>0.15</td><td>0.20</td><td>0.20</td><td>0.20</td></tr></table> (20℃,120Hz)							Rated Voltage(V)	160	200	250	350	400	450	tanδ	0.15	0.15	0.15	0.20	0.20	0.20							
Rated Voltage(V)	160	200	250	350	400	450																						
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. <table><tr><td colspan="2">Capacitance Change</td><td colspan="2">Within ±20% of the initial value.</td><td colspan="2">Case Size</td><td>Life Time</td></tr><tr><td colspan="2">Dissipation Factor</td><td colspan="2">Not more than 200% of the specified value.</td><td colspan="2">φ D=10</td><td>10000</td></tr><tr><td colspan="2">Leakage Current</td><td colspan="2">Not more than the specified value.</td><td colspan="2">φ D ≥12.5</td><td>12000</td></tr></table>							Capacitance Change		Within ±20% of the initial value.		Case Size		Life Time	Dissipation Factor		Not more than 200% of the specified value.		φ D=10		10000	Leakage Current		Not more than the specified value.		φ D ≥12.5		12000
Capacitance Change		Within ±20% of the initial value.		Case Size		Life Time																						
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Low Temperature Stability Impedance Ratio(MAX)	<table><tr><td>Rated Voltage(V)</td><td>160</td><td>200</td><td>250</td><td>350</td><td>400</td><td>450</td></tr><tr><td>Z(-25℃)/Z(20℃)</td><td>3</td><td>3</td><td>3</td><td>6</td><td>6</td><td>6</td></tr></table> (120Hz)							Rated Voltage(V)	160	200	250	350	400	450	Z(-25℃)/Z(20℃)	3	3	3	6	6	6							
Rated Voltage(V)	160	200	250	350	400	450																						
Z(-25℃)/Z(20℃)	3	3	3	6	6	6																						

◆ MULTIPLIER FOR RIPPLE CURRENT

Frequency coefficient

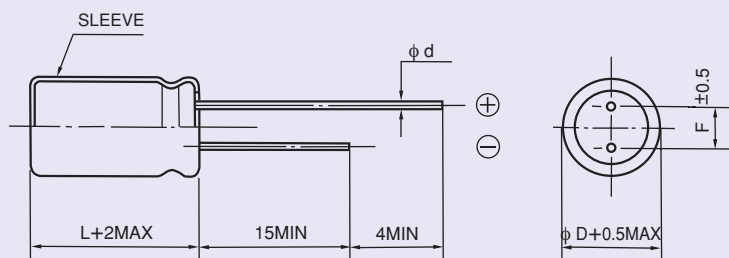
Frequency(Hz)	120	1k	10k	100k≤
Coefficient	0.50	0.80	0.90	1.00

◆ PART NUMBER

Rated Voltage	Series	Rated Capacitance	Capacitance Tolerance	Option	Lead Forming	Case Size

◆DIMENSIONS

(mm)



ϕ D	10	12.5	16	18
ϕ d	0.6		0.8	
F	5.0		7.5	

◆STANDARD SIZE

 Size ϕ D $\times$ L(mm), Ripple Current (mA r.m.s./105°C, 100kHz)

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

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