



BXA SERIES

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

◆ **FEATURES**

- High Ripple Current
- For Electronic Ballast, Power Supply
- 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)	$I=0.04CV+100\mu A$ (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)																					
Dissipation Factor(MAX) (tanδ)	<table border="1"> <thead> <tr> <th>Rated Voltage (V)</th> <th>160</th> <th>200</th> <th>250</th> <th>350</th> <th>400</th> <th>450</th> </tr> </thead> <tbody> <tr> <td>(20°C, 120Hz)</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> </tbody> </table>	Rated Voltage (V)	160	200	250	350	400	450	(20°C, 120Hz)	0.15	0.15	0.15	0.20	0.20	0.20							
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Endurance	After life test with rated ripple current at conditions stated in the table below, the capacitors shall meet the following requirements. <table border="1"> <thead> <tr> <th>Capacitance Change</th> <th>Within ±20% of the initial value.</th> <th>Case Size</th> <th>Life Time (hrs)</th> </tr> </thead> <tbody> <tr> <td>Dissipation Factor</td> <td>Not more than 200% of the specified value.</td> <td>φD=10</td> <td>10000</td> </tr> <tr> <td>Leakage Current</td> <td>Not more than the specified value.</td> <td>φD≥12.5</td> <td>12000</td> </tr> </tbody> </table>	Capacitance Change	Within ±20% of the initial value.	Case Size	Life Time (hrs)	Dissipation Factor	Not more than 200% of the specified value.	φD=10	10000	Leakage Current	Not more than the specified value.	φD≥12.5	12000									
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Low Temperature Stability Impedance Ratio(MAX)	<table border="1"> <thead> <tr> <th>Rated Voltage (V)</th> <th>160</th> <th>200</th> <th>250</th> <th>350</th> <th>400</th> <th>450</th> </tr> </thead> <tbody> <tr> <td>(120Hz)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Z(-25°C)/Z(20°C)</td> <td>3</td> <td>3</td> <td>3</td> <td>6</td> <td>6</td> <td>6</td> </tr> </tbody> </table>	Rated Voltage (V)	160	200	250	350	400	450	(120Hz)							Z(-25°C)/Z(20°C)	3	3	3	6	6	6
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◆ **MULTIPLIER FOR RIPPLE CURRENT**

Frequency coefficient

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

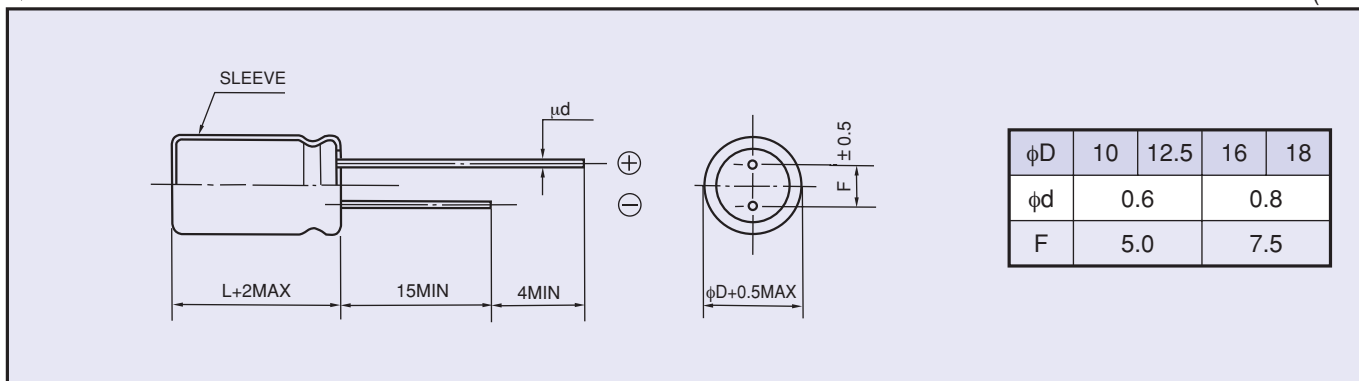
◆ **PART NUMBER**

□□□ / **BXA** / □□□□□ / □ / □□□ / □□ / **DxL**
 Rated Voltage Series Rated Capacitance Capacitance Tolerance Option Lead Forming Case Size



◆ DIMENSIONS

(mm)



◆ STANDARD SIZE

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

WV(V.DC) Cap(μF)	160 (2C)		200 (2D)		250 (2E)	
	Size	Ripple	Size	Ripple	Size	Ripple
10	10×16	250	10×16	250	10v×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		

WV(V.DC) Cap(μF)	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		