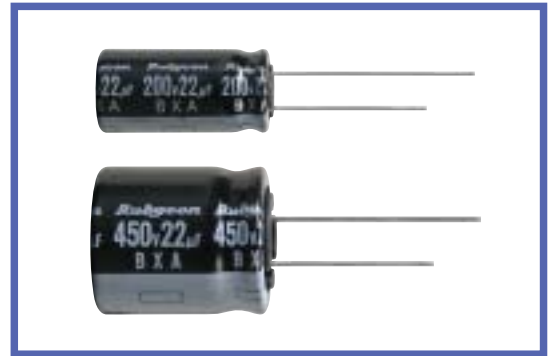


**BXA SERIES**
**Load Life:105°C 12000 Hours.(φ10:10000 Hours)**
**◆FEATURES**

- 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( $\mu A$ )      C=Rated Capacitance( $\mu F$ )      V=Rated Voltage(V)														
Dissipation Factor(MAX) (tan $\delta$ )	<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>tan<math>\delta</math></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> (20°C, 120Hz)	Rated Voltage (V)	160	200	250	350	400	450	tan $\delta$	0.15	0.15	0.15	0.20	0.20	0.20
Rated Voltage (V)	160	200	250	350	400	450									
tan $\delta$	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 border="1"> <thead> <tr> <th>Capacitance Change</th> <th>Within ± 20% of the initial value.</th> <th>Case Dia</th> <th>Life Time</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 Dia	Life Time	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		
Capacitance Change	Within ± 20% of the initial value.	Case Dia	Life Time												
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Low Temperature Stability Impedance Ratio(MAX)	<table border="1"> <thead> <tr> <th>Rated Voltage</th> <th>160</th> <th>200</th> <th>250</th> <th>350</th> <th>400</th> <th>450</th> </tr> </thead> <tbody> <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> (120Hz)	Rated Voltage	160	200	250	350	400	450	Z(-25°C)/Z(20°C)	3	3	3	6	6	6
Rated Voltage	160	200	250	350	400	450									
Z(-25°C)/Z(20°C)	3	3	3	6	6	6									

**◆MULTIPLIER FOR RIPPLE CURRENT**

Frequency coefficient

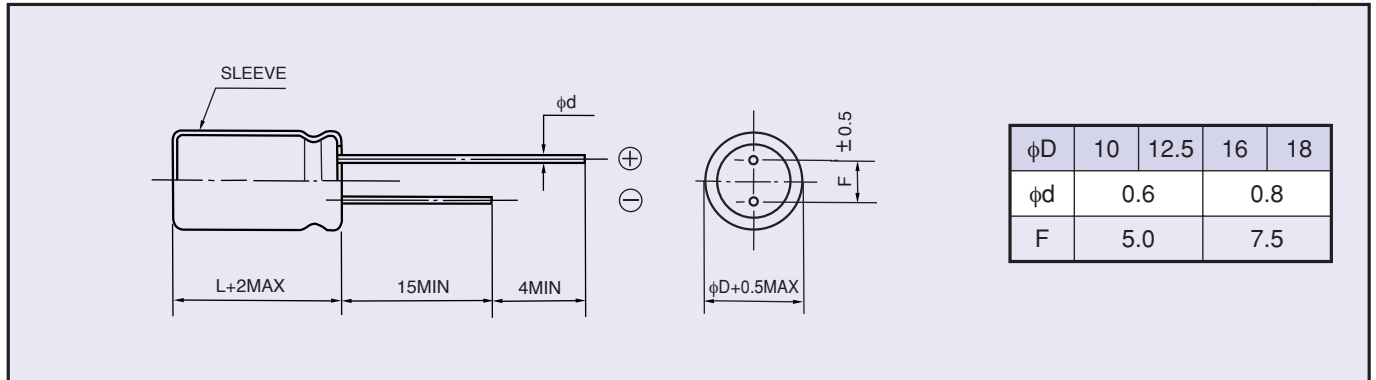
Frequency (Hz)	120	1k	10k	100k≤
Coefficient	0.50	0.80	0.90	1.00

**◆PART NUMBER**

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

**◆ DIMENSIONS**

(mm)


**◆ STANDARD SIZE, RATED RIPPLE CURRENT**

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

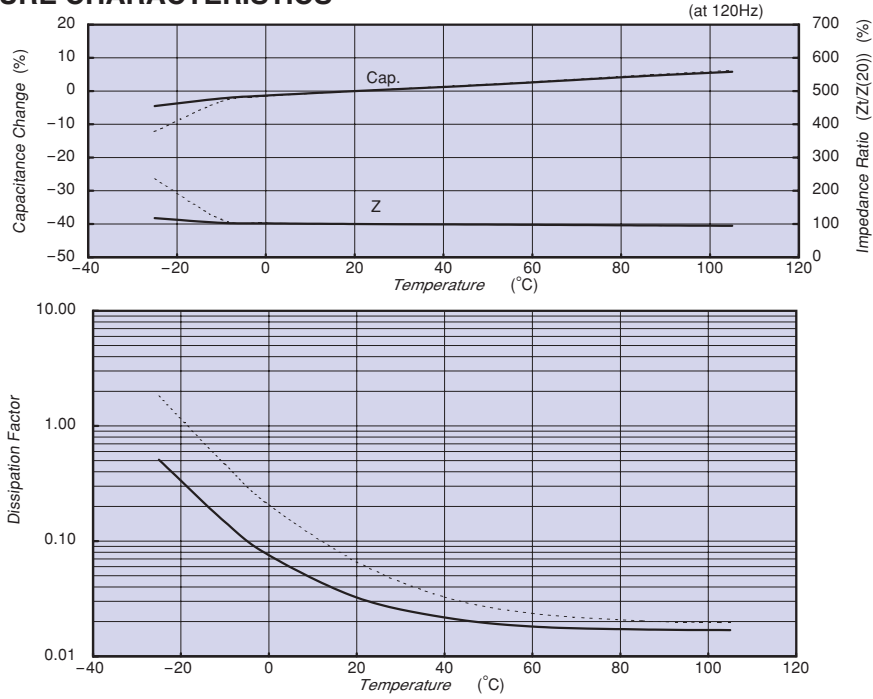
WV(V.DC) Cap( $\mu F$ )	160V (2C)		200V (2D)		250V (2E)	
	Size	Ripple	Size	Ripple	Size	Ripple
10	10 × 16	250	10 × 16	250	10 × 20	280
22	10 × 20	500	10 × 20	500	12.5 × 20	600
33	10 × 20	500	12.5 × 20	600	12.5 × 20	600
47	12.5 × 20	660	12.5 × 20	660	12.5 × 25 16 × 20	720
68	12.5 × 25 16 × 20	760	12.5 × 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		

WV(V.DC) Cap( $\mu F$ )	350V (2V)		400V (2G)		450V (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		

◆ CHARACTERISTIC DATA

————— 250 BXA 68 M 16 × 25  
 - - - - - 450 BXA 22 M 16 × 25

• TEMPERATURE CHARACTERISTICS



• ENDURANCE

