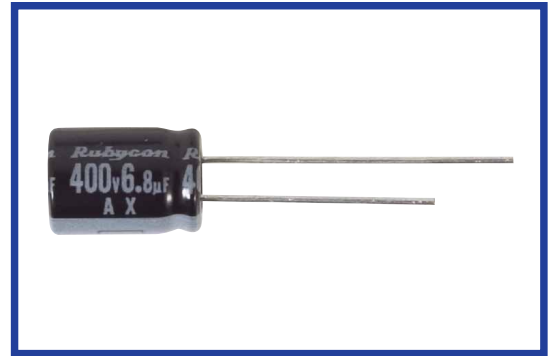


AX SERIES

◆FEATURES

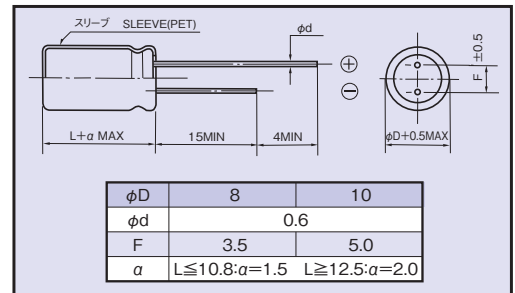
- Miniaturized for AC-adaptor of portable device.
- Load Life : 105°C 1000hours.
- RoHS compliance.



◆SPECIFICATIONS

Items	Characteristics									
Category Temperature Range	-40~+105°C									
Rated Voltage Range	400V.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)									
(tan δ) Dissipation Factor(MAX)	<table border="1"> <tr> <td>Rated Voltage</td> <td>400</td> <td>(20°C,120Hz)</td> </tr> <tr> <td>tanδ</td> <td>0.25</td> <td></td> </tr> </table>	Rated Voltage	400	(20°C,120Hz)	tan δ	0.25				
Rated Voltage	400	(20°C,120Hz)								
tan δ	0.25									
Endurance	After applying rated voltage with rated ripple current for 1000hrs at 105°C, the capacitors shall meet the following requirement. <table border="1"> <tr> <td>Capacitance Change</td> <td>Within ±25% of the initial value.</td> </tr> <tr> <td>Dissipation Factor</td> <td>Not more than 200% of the specified value.</td> </tr> <tr> <td>Leakage Current</td> <td>Not more than the specified value.</td> </tr> </table>	Capacitance Change	Within ±25% of the initial value.	Dissipation Factor	Not more than 200% of the specified value.	Leakage Current	Not more than the specified value.			
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Dissipation Factor	Not more than 200% of the specified value.									
Leakage Current	Not more than the specified value.									
Low Temperature Stability	<table border="1"> <tr> <td>Rated Voltage</td> <td>400</td> <td>(120Hz)</td> </tr> <tr> <td>Z(-25°C)/Z(20°C)</td> <td>6</td> <td></td> </tr> <tr> <td>Z(-40°C)/Z(20°C)</td> <td>10</td> <td></td> </tr> </table>	Rated Voltage	400	(120Hz)	Z(-25°C)/Z(20°C)	6		Z(-40°C)/Z(20°C)	10	
Rated Voltage	400	(120Hz)								
Z(-25°C)/Z(20°C)	6									
Z(-40°C)/Z(20°C)	10									
Impedance Ratio(MAX)										

◆DIMENSIONS (mm)



◆MULTIPLIER FOR RIPPLE CURRENT

Frequency coefficient

Frequency (Hz)	60(50)	120	500	1k	10k≤	
Coefficient	4.7~8.2μF	0.65	1.00	1.20	1.30	1.50
	10~15μF	0.80	1.00	1.20	1.30	1.50

◆STANDARD SIZE Size φD×L(mm), Ripple Current (mA r.m.s./105°C, 120Hz)

WV(V.DC)	Cap(μF)	Size	Rated Ripple Current
400 (2G)	4.7	8×9	50
	6.8	8×10.8	70
	8.2	8×16	85
	8.2	10×9	85

WV(V.DC)	Cap(μF)	Size	Rated Ripple Current
400 (2G)	10	10×12.5	100
	12	8×20	120
	15	10×16	150

◆PART NUMBER

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