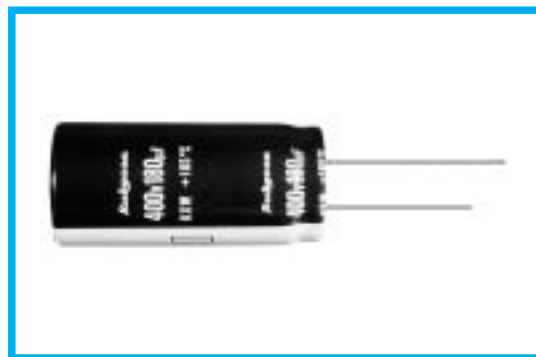


KXW SERIES

◆FEATURES

- Load Life : 105°C 2000 hours.
- Body diameter of ϕ 10mm to ϕ 18mm with high ripple current capability.
- This series is one class smaller than the current AXW series.
- For switching adapter.
- RoHS compliance.



◆SPECIFICATIONS

Items	Characteristics															
Category Temperature Range	-25~+105℃															
Rated Voltage Range	200・400・420・450V.DC															
Capacitance Tolerance	±20%（20℃，120Hz）															
Leakage Current(MAX)	I=3√CV（After 5 minutes application of rated voltage） I=Leakage Current(μ A) C=Rated Capacitance(μ F) V=Rated Voltage(V)															
Dissipation Factor(MAX) (tan δ)	<table><tr><td>Rated Voltage (V)</td><td>200</td><td>400</td><td>420~450</td></tr><tr><td></td><td>0.12</td><td>0.15</td><td>0.20</td></tr></table> （20℃，120Hz）				Rated Voltage (V)	200	400	420~450		0.12	0.15	0.20				
Rated Voltage (V)	200	400	420~450													
	0.12	0.15	0.20													
Endurance	After applying rated voltage with rated ripple current for 2000hrs at 105℃, the capacitors shall meet the following requirements. <table><tr><td>Capacitance Change</td><td colspan="3">Within ±20% of the initial value.</td></tr><tr><td>Dissipation Factor</td><td colspan="3">Not more than 200% of the specified value.</td></tr><tr><td>Leakage Current</td><td colspan="3">Not more than the specified value.</td></tr></table>				Capacitance Change	Within ±20% of the initial value.			Dissipation Factor	Not more than 200% of the specified value.			Leakage Current	Not more than the specified value.		
Capacitance Change	Within ±20% of the initial value.															
Dissipation Factor	Not more than 200% of the specified value.															
Leakage Current	Not more than the specified value.															
Impedance Ratio(MAX)	<table><tr><td>Rated Voltage (V)</td><td>200</td><td>400~450</td></tr><tr><td>Z(-25℃)/Z(20℃)</td><td>3</td><td>8</td></tr></table> （120Hz）				Rated Voltage (V)	200	400~450	Z(-25℃)/Z(20℃)	3	8						
Rated Voltage (V)	200	400~450														
Z(-25℃)/Z(20℃)	3	8														

◆MULTIPLIER FOR RIPPLE CURRENT

Frequency coefficient

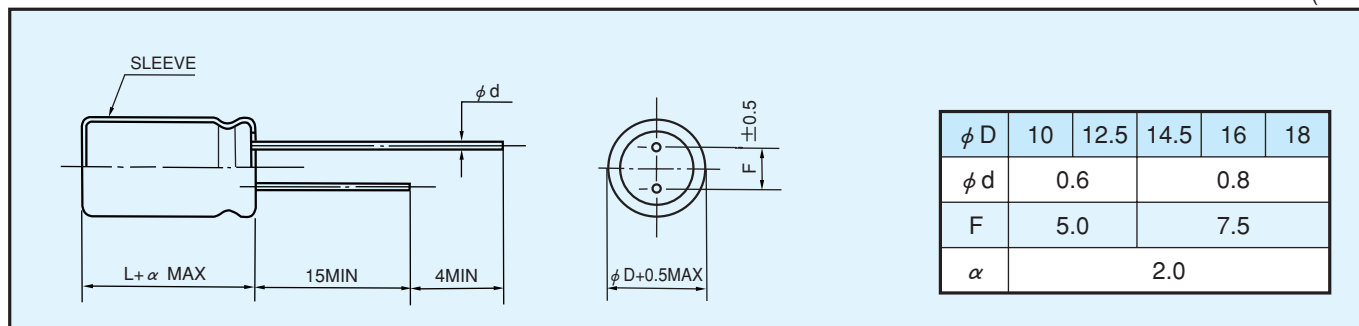
Frequency (Hz)		60 (50)	120	500	1k	10k \leq
Coefficient	200WV	0.8	1.0	1.20	1.30	1.40
	400~450WV	0.8	1.0	1.25	1.40	1.50

◆PART NUMBER

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

◆ DIMENSIONS

(mm)


◆ STANDARD SIZE, RATED RIPPLE CURRENT

Cap(μF)	WV φD	200					400				
		φ 10	φ 12.5	φ 14.5	φ 16	φ 18	φ 10	φ 12.5	φ 14.5	φ 16	φ 18
27							10×30 0.24				
33							10×35 0.28				
39							10×40 0.32				
47								12.5×30 0.37			
56								12.5×35 0.42			
68								12.5×40 0.48	14.5×30 0.48		
82	10×30 0.40								14.5×35 0.52		
100	10×35 0.46								14.5×40 0.58	16×30 0.58	
120	10×40 0.53									16×35 0.67	18×30 0.67
150			12.5×30 0.62							16×40 0.77	18×35 0.77
180			12.5×35 0.70								18×40 0.88
220			12.5×40 0.80	14.5×30 0.80							18×45 1.00
270				14.5×35 0.87	16×30 0.87						
330					16×35 1.01	18×30 1.01					
390					16×40 1.13	18×35 1.13					
470						18×40 1.27					
560						18×45 1.39					

Cap(μF)	WV φD	420					450				
		φ 10	φ 12.5	φ 14.5	φ 16	φ 18	φ 10	φ 12.5	φ 14.5	φ 16	φ 18
18							10×30 0.18				
22	10×30 0.20						10×35 0.21				
27	10×35 0.23						10×40 0.25				
33	10×40 0.27							12.5×30 0.28			
39			12.5×30 0.31					12.5×35 0.32			
47			12.5×35 0.36					12.5×40 0.38	14.5×30 0.38		
56			12.5×40 0.43	14.5×30 0.43					14.5×35 0.44	16×30 0.44	
68				14.5×35 0.51	16×30 0.51				14.5×40 0.49	16×35 0.49	
82				14.5×40 0.57	16×35 0.57					16×40 0.55	18×30 0.55
100					16×40 0.61	18×30 0.61					18×35 0.65
120						18×35 0.66					18×40 0.74
150						18×40 0.71					18×45 0.80

Please check with us about individual WV, Cap., size and dimensions.

Size $\phi D \times L$ (mm) ↑
Ripple Current (A r.m.s./120Hz, 105°C) ↑