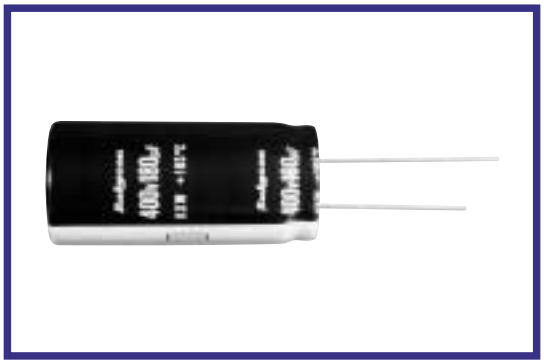
KXW SERIES

NEW



♦FEATURES

- Load Life : 105°C 2000 hours.
- Body diameter of ϕ10mm to ϕ18mm with high ripple current capability.
- This series is one class smaller than the current AXW series.
- For switching adapter.

♦SPECIFICATIONS

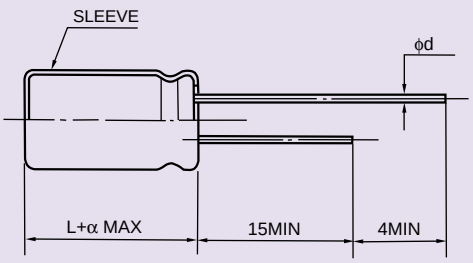
Items	Characteristics
Category Temperature Range	-25~+105°C
Rated Voltage Range	200 • 400V.DC
Capacitance Tolerance	±20%(20°C, 120Hz)
Leakage Current(MAX)	$I=3\sqrt{CV}$ (After 5 minutes application of rated voltage) I=Leakage Current(μA) C=Rated Capacitance(μF) V=Rated Voltage(V)
Dissipation Factor(MAX)	Rated Voltage (V): 200 / 400; tanδ: 0.12 / 0.15 (20°C, 120Hz)
Endurance	After applying rated voltage with rated ripple current for 2000hrs at 105°C, the capacitors shall meet the following requirements. 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)	Rated Voltage (V): 200 / 400; Z(-25°C)/Z(20°C): 3 / 8 (120Hz)

♦PART NUMBER

□□□	KXW	□□□□□	□	□□□	□□	DxL
Rated Voltage	Series	Rated Capacitance	Capacitance Tolerance	Option	Lead Forming	Case Size

♦DIMENSIONS

(mm)



φD	10	12.5	14.5	16	18
φd	0.6		0.8		
F	5.0		7.5		
α	2.0				

♦STANDARD SIZE, RATED RIPPLE CURRENT

WV / φD / Cap(μF)	200									
	φ10		φ12.5		φ14.5		φ16		φ18	
82	10x30	0.40								
100	10x35	0.46								
120	10x40	0.53								
150			12.5x30	0.62						
180			12.5x35	0.70						
220			12.5x40	0.80	14.5x30	0.80				
270					14.5x35	0.87	16x30	0.87		
330							16x35	1.01	18x30	1.01
390							16x40	1.13	18x35	1.13
470									18x40	1.27
560									18x45	1.39

WV / φD / Cap(μF)	400									
	φ10		φ12.5		φ14.5		φ16		φ18	
27	10x30	0.24								
33	10x35	0.28								
39	10x40	0.32								
47			12.5x30	0.37						
56			12.5x35	0.42						
68			12.5x40	0.48	14.5x30	0.48				
82					14.5x35	0.52				
100					14.5x40	0.58	16x30	0.58		
120							16x35	0.67	18x30	0.67
150							16x40	0.77	18x35	0.77
180									18x40	0.88
220									18x45	1.00

Size φDxL(mm)

Ripple Current (A r.m.s./120Hz, 105°C)

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

♦MULTIPLIER FOR RIPPLE CURRENT

(1)Temperature coefficient

Ambient Temperature(°C)	105	85	65≦
Coefficient	1.0	1.7	2.1

(2)Frequency coefficient

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