

WL Series

Features

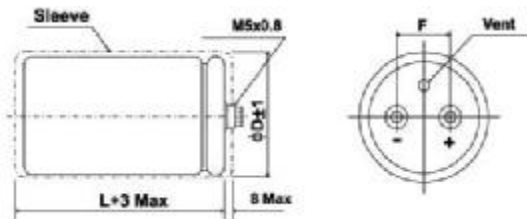
- ◆ High ripple current, Large capacity , 5000 hours at 105°C .
- ◆ Screw Type, Longer Life.
- ◆ RoHS Compliant .



Specifications

Item	Performance Characteristics	
Temperature Range	-25~+105°C	
Rated Voltage Range	350~450Vdc	
Capacitance Range	1000~15000μF	
Capacitance Tolerance	±20% (120Hz, +20°C)	
Leakage Current (+20°C,max.)	$I \leq 3\sqrt{CV}$ (μA) (After 5 minute application of rated voltage at +20°C)	
Dissipation Factor(tgδ) 120Hz, +20°C	Less than the value specified in the standard products table.	
Endurance	After applying rated voltage with rated ripple current for 5000 hours at 105°C, the capacitors shall meet the following requirements.	
	Capacitance Change	Within ±20% of the initial value
	Dissipation Factor	No more than 200% of the specification value
	Leakage Current	No more than the specification value
Shelf Life	After storing the capacitors under no load at 105°C for 1000 hours, the characters shall meet the following requirements.	
	Capacitance Change	Within ±20% of the initial value
	Dissipation Factor	No more than 200% of the specification value
	Leakage Current	No more than 200% of the specification value
Others	JISC-5101(IEC 60384)	

Dimensions



ΦD	35	50.8	63.5	76	89
F	13	22	28	32	32

Frequency coefficient

Freq(Hz)	50	120	1K	10K
WV(V)	0.80	1.00	1.25	1.40

WL Series**Case size & Maximum permissible ripple current**

Cap	WV	350		400		450	
	Item	Case Size D×L(mm)	Ripple Current (A)	Case Size D×L(mm)	Ripple Current (A)	Case Size D×L(mm)	Ripple Current (A)
1000		50.8×75	3.9	50.8×80	3.9	50.8×95	4.2
1200		50.8×80	4.2	50.8×95	4.6	50.8×115	5.0
1500		50.8×95	5.2	50.8×115	5.6	50.8×130	5.9
1800		50.8×95	5.7	50.8×130	6.4	63.5×95	6.3
2200		50.8×130	7.1	63.5×95	6.9	63.5×115	7.4
2700		63.5×95	7.7	63.5×115	8.2	63.5×130	8.6
3300		63.5×115	9.1	63.5×130	9.5	76×130	10.2
3900		63.5×130	10.4	76×115	10.4	76×145	12.3
4700		76×115	11.5	76×130	12.0	76×155	12.9
5600		76×130	13.1	76×155	14.6	89×155	14.9
6800		76×155	15.5	89×155	16.5	89×195	18.0
8200		89×145	18.1	89×155	18.1	89×195	19.8
10000		89×155	19.9	89×195	21.7	89×240	23.6
12000		89×195	23.8	89×240	25.8		
15000		89×240	28.8				

Size Φ D×L (mm), Ripple Current (A r.m.s. /105°C 120Hz).

Above size is the standard size for our product. If you need special size please contact our sales offices .