

LARGE ALUMINUM ELECTROLYTIC CAPACITORS

LW,SW For Welding Machine Series

- For welding machine applications
- Charge and discharge characteristic : 100000 cycles at 5 ~ 35°C
- LW series with lug terminal type, SW series with screw terminal type
- Complied to the RoHS directive

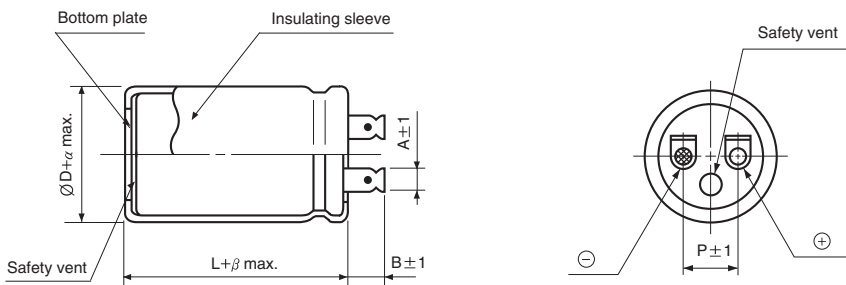


Item	Characteristics	
Operating temperature range	-25 ~ +85°C	
Capacitance tolerance	-10 ~ +50% at 120Hz, 20°C (Capacitance Tolerance "T")	
Leakage current max.	$I=3\sqrt{CV}$ (μA) (after 5 minutes)	
Dissipation factor max.	0.20 max.at 120Hz, 20°C	
Charge and discharge characteristics	After charge and discharge for 100000 cycles at 5~35°C with application of the rate voltage, the capacitors shall be satisfied the following specifications.	
	Leakage current	Less than 150% of specified value
	Capacitance change	Within $\pm 15\%$ of initial value
	$\tan\delta$	Less than 150% of specified value
Conditions		
Charge resistance	: 4 Ω Charge time : 1 sec	
Discharge resistance	: 0.12 Ω Discharge time : 0.5sec	

DRAWING

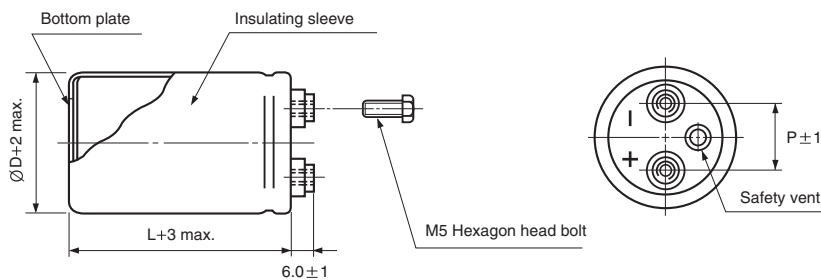
Unit : mm

LW series



$\varnothing D$	35	51
P	14	18
α	1	2
β	2	3
A	4.5	8
B	8	13

SW series



$\varnothing D$	35	51	63.5	76.2
P	12.7	22	28.6	31.8

DIMENSIONS

$\varnothing D \times L$ (mm)

μF	WV	315		475	
	SERIES	LW	SW	LW	SW
225				51 × 100	51 × 100
330		35 × 100			
470		51 × 100			76.2 × 120
1000			63.5 × 140		76.2 × 160
1500			76.2 × 120		
2200			76.2 × 160		