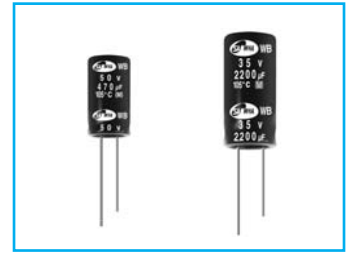


WB Ultra Low Impedance Series

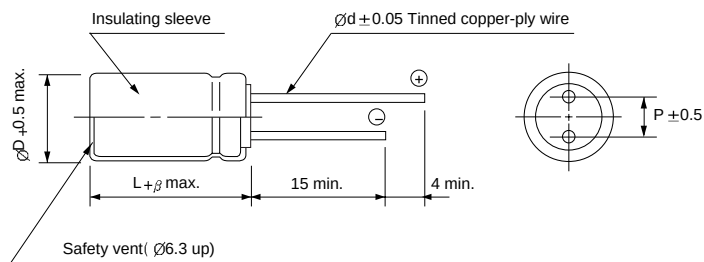
- Low impedance compared with WD series
- Enabled high ripple current by a reduction of impedance at high frequency
- High reliability withstanding 5000 hours load life at 105°C (2000 ~ 4000 hours for smaller case sizes as specified below)
- For switching power supplies, noise filter, adapter, charger



Item	Characteristics								
Operating temperature range	-40 ~ +105°C								
Leakage current max.	I = 0.01CV or 3 μ A whichever is greater (after 2 minutes) I = 0.03CV or 4 μ A whichever is greater (after 1 minute)								
Capacitance tolerance	±20% at 120Hz, 20°C								
Dissipation factor max. (at 120Hz, 20°C)	Capacitance > 1000 μ F : tan δ increases by 0.02 for each 1000 μ F from below value.								
	WV	6.3	10	16	25	35	50	63	100
	tan δ	0.22	0.19	0.16	0.14	0.12	0.10	0.09	0.08
Low temperature characteristics (Impedance ratio at 120Hz)	Z-40°C / Z+20°C		Z-25°C / Z+20°C						
	3		2						
Load life (after application of the rated voltage for 5000 hours at 105°C)	Leakage current				Less than specified value				
	Capacitance change				Within ±25% of initial value				
	tan δ				Less than 200% of specified value				
	Ø5, 6.3 : 2000 hours, Ø8 : 3000 hours, Ø10 : 4000 hours								
Shelf life (at 105°C)	After 1000 hours no load test, leakage current, capacitance and tan δ are same as load life value.								

DRAWING

Unit : mm



ØD	5	6.3	8	10	12.5	16	18
P	2.0	2.5	3.5	5.0	5.0	7.5	7.5
Ød	0.5	0.5	0.6	0.6	0.6	0.8	0.8
β	1.0			2.0			

