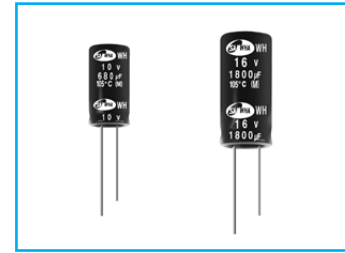


MINIATURE ALUMINUM ELECTROLYTIC CAPACITORS



High ripple current, Ultra Low Impedance Series

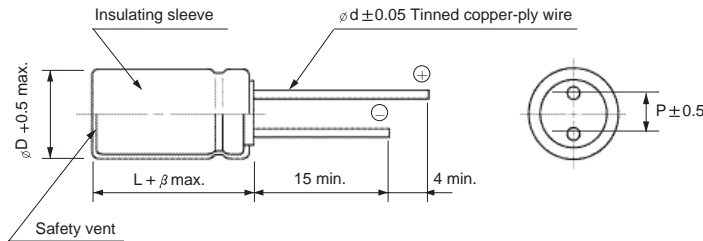
- Low impedance compared with WZ series
- Enabled high ripple current by a reduction of impedance at high frequency range.
- High reliability withstanding 2000 hours load life at 105 °C



Item	Characteristics			
Operating temperature range	-40 ~ +105°C			
Leakage current max.	I = 0.01CV or 3μA whichever is greater (after 2 minutes) I = 0.03CV or 4μA whichever is greater (after 1 minute)			
Capacitance tolerance	±20% at 120Hz, 20°C			
Dissipation factor max. (at 120Hz, 20°C)	WV	6.3	10	16
	tan δ	0.22	0.19	0.16
Low temperature characteristics (Impedance ratio at 120Hz)	WV	6.3	10	16
	Z-40°C/ Z+20°C	3	3	3
Load life (after application of the rated voltage for 2000 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		
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	8	10
P	3.5	5.0
ød	0.6	0.6
β	1.5	2.0

● DIMENSIONS & MAXIMUM PERMISSIBLE RIPPLE CURRENT

WV Item μF	6.3			10			16		
	øD × L (mm)	Impedance (mΩ) max. 20°C 100kHz	Ripple current (mA rms) 105°C 100kHz	øD × L (mm)	Impedance (mΩ) max. 20°C 100kHz	Ripple current (mA rms) 105°C 100kHz	øD × L (mm)	Impedance (mΩ) max. 20°C 100kHz	Ripple current (mA rms) 105°C 100kHz
470							8 × 11.5	21	1340
680				8 × 11.5	21	1340	8 × 15	20	1850
							10 × 12.5	16	1960
820	8 × 11.5	21	1340						
1000				8 × 15	20	1850	8 × 20	12	2350
				10 × 12.5	16	1960	10 × 16	12.5	2460
1200	8 × 15	20	1850						
1500				8 × 20	12	2350	10 × 20	11	2770
				10 × 12.5	16	1960			
1800				8 × 20	12.5	2460	10 × 20	9	3230
2200	10 × 20	11	2770	10 × 25	9	3230			
3300	10 × 25	9	3230						