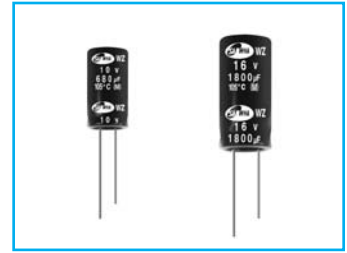


## WZ High ripple current, Ultra Low Impedance Series

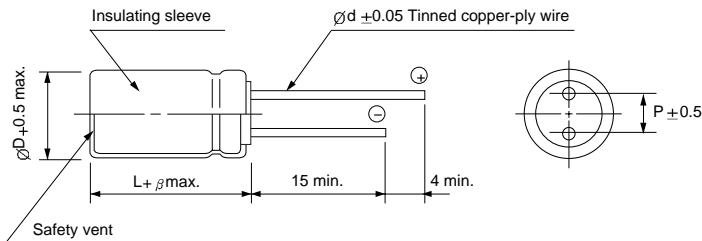
- Low impedance compared with WB series
- Enabled high ripple current by a reduction of impedance at high frequency range
- High reliability withstanding 2000 hours load life at 105°C



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% (20°C, 120Hz)			
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

Item	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	36	1140
680				8 × 11.5	36	1140	8 × 15	28	1490
							10 × 12.5	26	1540
820	8 × 11.5	36	1140						
1000				8 × 15	28	1490	8 × 20	21	1870
				10 × 12.5	26	1540	10 × 16	19	2000
1200	8 × 15	28	1490						
1500	8 × 20	16	1950	8 × 20	21	1870	10 × 20	13	2550
	10 × 12.5	26	1540	10 × 16	19	2000			
1800	8 × 20	21	1870	10 × 20	13	2550	10 × 25	12	2800
	10 × 16	19	2000						
2200	10 × 20	13	2550	10 × 25	12	2800			
3300	10 × 25	12	2800						