

# CE-ZC Series

Super Low ESR  
Small, High Capacitance



- 105°C 2,000hours
- Solvent proof (within 2 minutes)

CE-ZX (P.52)

Small  
CE-ZC

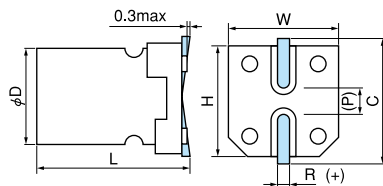
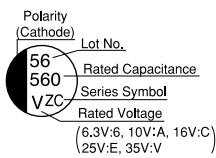
φ6.3×6.0  
6.3V, 10V, 16V

**NEW**

## Specifications

Items	Condition	Specifications				
Rated voltage (V)	—	6.3	10	16	25	35
Surge voltage (V)	Room temperature	8	13	20	32	44
Category temperature range (°C)	—	-55 to +105				
Capacitance tolerance (%)	120Hz/20°C	M: ±20				
Dissipation Factor (tan δ)	tan δ (max) 120Hz/20°C	0.26	0.19	0.16	0.14	0.12
		Exceeding 1,000µF, +0.02 every 1,000µF				
Leakage current (LC)	µA/after 2minutes (max)	0.01CV				
Impedance ratio at low temperature	Based the value at 120Hz, +20°C	-40°C Z/Z <sub>20°C</sub>	3	3	3	3
		-55°C Z/Z <sub>20°C</sub>	4	4	4	3
Endurance	105°C, 2,000hours rated voltage applied (With the rated ripple current)	ΔC/C	Within ±30% of the initial value			
		tan δ	Less than 200% of the specified value			
		LC	Less than the specified value			

## Marking, Dimensions



A pressure relief vent is provided for φD=8 or bigger

(P)reference size

(Unit : mm)

D <sup>+0.5max</sup>	L <sup>+0.3</sup>	W <sup>+0.2</sup>	H <sup>+0.2</sup>	C <sup>+0.2</sup>	R	P
6.3	6.0	6.6	6.6	7.3	0.5 to 0.8	2.2
8	10.5	8.3	8.3	9.0	0.7 to 1.0	3.2
10	10.5	10.3	10.3	11.0	1.0 to 1.4	4.6

## Size, ESR, Rated Ripple Current

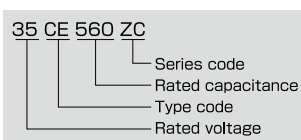
µF \ V	6.3	10	16	25	35
68					6.3×6.0 0.28 300
100				6.3×6.0 0.28 300	6.3×6.0 0.28 300
150			6.3×6.0 0.28 300		
220		6.3×6.0 0.28 300	6.3×6.0 0.28 300		
330	6.3×6.0 0.28 300				8×10.5 0.08 850
470				8×10.5 0.08 850	
560					10×10.5 0.06 1190
680			8×10.5 0.08 850		
820				10×10.5 0.06 1190	
1000		8×10.5 0.08 850	10×10.5 0.06 1190		
1500	8×10.5 0.08 850	10×10.5 0.06 1190			
2200	10×10.5 0.06 1190				

Case size: φD×L(mm)

ESR(Ω)  
max at 100kHz, 20°C

Rated ripple current  
mA<sub>RMS</sub>(100kHz, 105°C)

## Part number



Surface Mount Type  
Aluminum Electrolytic Capacitors

- CE-BE
- CE-BD
- CE-BS
- CE-BSS
- CE-FE
- CE-LD
- CE-FU
- CE-FS
- CE-FSS
- CE-FH
- CE-GA
- CE-AX
- CE-KX
- CE-ZX
- CE-ZC
- CE-LX
- CE-LS
- CE-LH
- CE-LL
- CE-PC
- CE-PH
- CE-PS
- CE-PF
- CE-TH
- CE-NP
- CE-FN