

# CE-PS Series

125°C High Capacitance



**NEW**

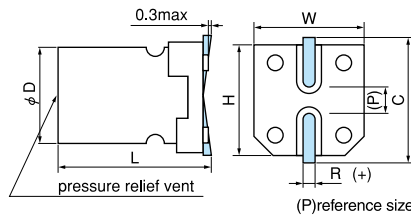
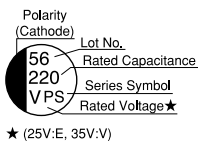
- 125°C 2,000hours
- Solvent proof (within 2 minutes)

CE-PS  
↑ High Cap.  
CE-PH (P.62)

## Specifications

Items	Condition	Specifications	
Rated voltage (V)	—	25	35
Surge voltage (V)	Room temperature	32	44
Category temperature range (°C)	—	-40 to +125	
Capacitance tolerance (%)	120Hz/20°C	M : ±20	
Dissipation Factor (tan δ)	tan δ (max) 120Hz/20°C	0.16	0.14
Leakage current (LC)	μA/after 2minutes (max)	0.01CV	
Impedance ratio at low temperature	Based the value at 120Hz, +20°C	-25°C Z/Z <sub>20°C</sub>	2
		-40°C Z/Z <sub>20°C</sub>	3
Endurance	125°C rated voltage applied (With the rated ripple current)	Test	2,000hours(6.3×7.7 1,000hours)
		ΔC/C	Within ±30% of the initial value
		tan δ	Less than 300% of the specified value
		LC	Less than the specified value

## Marking, Dimensions



(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	7.7	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

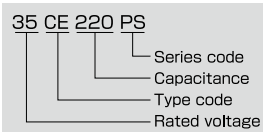
## Size, ESR, Rated Ripple Current

μF	25			35		
	V	ESR (Ω)	Rated ripple current mArms (100kHz, 125°C)	V	ESR (Ω)	Rated ripple current mArms (100kHz, 125°C)
100				6.3×7.7	0.60	220
150	6.3×7.7	0.60	220			
220				8×10.5	0.30	300
330	8×10.5	0.30	300	10×10.5	0.20	500
470	10×10.5	0.20	500			

Please refer to page 15 for ripple current frequency coefficients.

ESR (Ω)  
max at 100kHz, 20°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