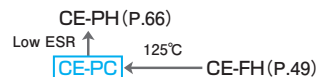


CE-PC Series

125°C



- 125°C 1,000 to 2,000hours
- Solvent proof (within 2 minutes)
- AEC-Q200

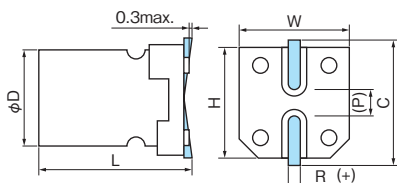
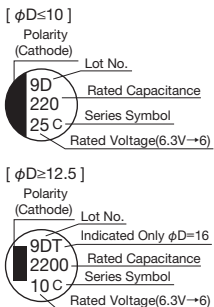


Specifications

Items	Condition	Specifications									
Rated voltage (V)	—	6.3	10	16	25	35	50	63	100		
Surge voltage (V)	Room temperature	8.0	13	20	32	44	63	79	125		
Category temperature range (°C)	—	-55 to +125									
Capacitance tolerance (%)	120Hz/20°C	M : ±20									
Dissipation Factor (tan δ)	tanδ(max.) 120Hz/20°C	0.30	0.24	0.20	0.16	0.14	0.14	0.12	0.10		
		Exceeding 1,000μF, +0.02 every 1,000μF									
Leakage current (LC)	μA/after 2minutes (max.)	The greater value of either 0.01CV or 3									
Impedance ratio at low temperature	Based on the value at 120Hz, +20°C	-25°C Z/Z _{20°C}	4	3	2	2	2	2	2	2	2
		-40°C Z/Z _{20°C}	8	6	4	3	3	3	3	3	3
Endurance	125°C rated voltage applied (With the rated ripple current)	Test	6.3 to 50V 2,000hours. (φD=6.3 : 1,000hours.), 63 to 100V 1,500hours								
		ΔC/C	Within ±30% of the initial value								
		tanδ	Less than 300% of the specified value								
		LC	Less than the specified value								

Marking, Dimensions

(Unit : mm)



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

(P) preference size

D ^{±0.5}	L ^{±0.3}	W ^{±0.2}	H ^{±0.2}	C ^{±0.2}	R	P
6.3	6.0	6.6	6.6	7.3	0.5 to 0.8	2.2
6.3	7.7	6.6	6.6	7.3	0.5 to 0.8	2.2
8	10.2	8.3	8.3	9.0	0.7 to 1.0	3.2
10	10.2	10.3	10.3	11.0	1.0 to 1.4	4.6
12.5	13.5 ^{±0.5}	12.8	12.8	13.5	1.0 to 1.4	4.6
16	16.5 ^{±0.5}	16.3	16.3	17.3	1.7 to 2.1	7.0

■ Size, ESR, Rated Ripple Current

μF \ V	6.3			10			16			25		
33										6.3×6.0	1.6	70
47				6.3×6.0	1.6	70	6.3×6.0	1.6	70	6.3×7.7	0.90	110
100							6.3×7.7 ★	0.90	110	6.3×7.7 ★	0.90	110
	6.3×6.0	1.6	70	6.3×7.7	0.90	110	8×10.2	0.40	160	8×10.2	0.40	160
220				6.3×7.7 ★	0.90	110				8×10.2 ★	0.40	160
	6.3×7.7	0.90	110	8×10.2	0.40	160	8×10.2	0.40	160	10×10.2	0.30	296
330				8×10.2	0.40	160				10×10.2 ★	0.30	296
	8×10.2	0.40	160	8×10.2	0.40	160	10×10.2	0.30	296	12.5×13.5	0.12	550
470	8×10.2	0.40	160	10×10.2	0.30	296	12.5×13.5	0.12	550	12.5×13.5	0.12	550
680	10×10.2	0.30	296	12.5×13.5	0.12	550	12.5×13.5	0.12	550	12.5×13.5	0.12	550
1000	12.5×13.5	0.12	550	12.5×13.5	0.12	550	12.5×13.5	0.12	550	16×16.5	0.080	900
1500	12.5×13.5	0.12	550	12.5×13.5	0.12	550	16×16.5	0.080	900	16×16.5	0.080	900
2200	12.5×13.5	0.12	550	16×16.5	0.080	900	16×16.5	0.080	900			
3300	16×16.5	0.080	900	16×16.5	0.080	900						
4700	16×16.5	0.080	900									

μF \ V	35			50			63			100		
2.2				6.3×6.0	3.5	45						
3.3				6.3×6.0	3.5	45						
4.7	6.3×6.0	2.0	60	6.3×6.0	3.5	45						
10	6.3×6.0	1.6	70	6.3×6.0	2.8	50				8×10.2	1.0	70
22	6.3×6.0	1.6	70	6.3×7.7	2.0	80	8×10.2	1.0	100	8×10.2	1.0	70
33				6.3×7.7 ★	2.0	80						
	6.3×7.7	0.90	110	8×10.2	0.70	140	8×10.2	1.0	100	10×10.2	0.80	115
47	6.3×7.7 ★	0.90	110	8×10.2 ★	0.70	140	8×10.2 ★	1.0	100			
	8×10.2	0.40	160	10×10.2	0.50	247	10×10.2	0.50	150	12.5×13.5	0.33	350
100	8×10.2 ★	0.40	160	10×10.2 ★	0.50	247	10×10.2 ★	0.50	150			
	10×10.2	0.30	296	12.5×13.5	0.23	490	12.5×13.5	0.25	350	16×16.5	0.24	500
220	10×10.2 ★	0.30	296				12.5×13.5 ★	0.25	350			
	12.5×13.5	0.12	550	12.5×13.5	0.23	490	16×16.5	0.18	500			
330				12.5×13.5 ★	0.23	490						
	12.5×13.5	0.12	550	16×16.5	0.15	800	16×16.5	0.18	500			
470	12.5×13.5 ★	0.12	550									
	16×16.5	0.080	900	16×16.5	0.15	800	16×16.5	0.18	500			
680	16×16.5	0.080	900	16×16.5	0.15	800						
1000	16×16.5	0.080	900									

Please refer to page 14 for ripple current frequency coefficients.

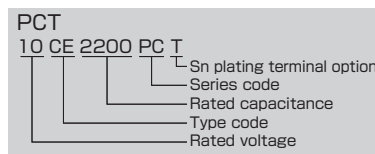
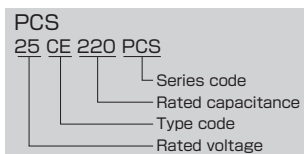
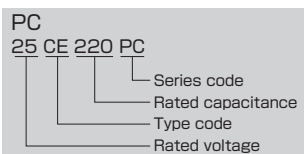
Case size: φD×L(mm)
16×16.5:CE-PCT

Rated ripple current
mA_{RMS}(100kHz, 125°C)

★ PCS

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-FSS
- CE-FS
- CE-FS(High Voltage)
- CE-FH
- CE-AX
- CE-KX
- CE-ZX
- CE-ZC
- CE-LX
- CE-GA
- CE-LS
- CE-LH
- CE-LH(High Voltage)
- CE-LL
- CE-LF
- CE-PC
- CE-PH
- CE-PS
- CE-PF
- CE-TH
- CE-JX
- CE-NP
- CE-FN