

CE-PB Series

125°C High Capacitance

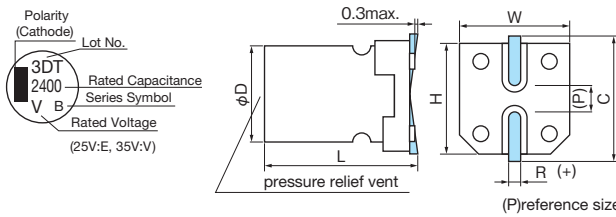
- 125°C 3,000 to 4,000hours
- Solvent proof (within 2 minutes)
- AEC-Q200

NEW

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)	tanδ(max.)120Hz/20°C	0.18	0.16
		Exceeding 1,000μF, +0.02 every 1,000μF	
Leakage current(LC)	μA/after 2minutes (max.)	0.01CV	
Impedance ratio at low temperature	Based on the value at 120Hz, +20°C	-25°C Z/Z _{20°C}	2
		-40°C Z/Z _{20°C}	4
Endurance	125°C rated voltage applied	Test	φ16×16.5 : 3,000hours, φ18×21.5 : 4,000hours
		ΔC/C	Within ±35% of the initial value
		tanδ	Less than 300% of the specified value
		LC	Less than the specified value
Shelf Life	125°C, 1,000hours(with no voltage load)	Shall meet the endurance spec above after voltage treatment at 20deg.C per JIS C 5101-4 4.1.	

Marking, Dimensions



(Unit : mm)

D ^{+0.5}	L	W ^{+0.2}	H ^{+0.2}	C ^{+0.2}	R	P
16	16.5 ^{±0.5}	16.3	16.3	17.3	1.7 to 2.1	7.0
18	21.5 ^{±1.0}	19.0	19.0	20.0	1.7 to 2.1	7.0

Size, ESR, Rated Ripple Current

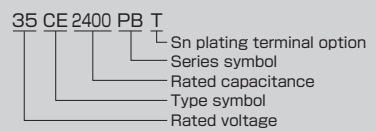
μF \ V	25			35		
1300				16×16.5	0.047	2400
1800	16×16.5	0.047	2400			
2400				18×21.5	0.032	3250
3300	18×21.5	0.032	3250			

Please refer to page 14 for ripple current frequency coefficients.

Case size: φDxL (mm)

 ESR(Ω) max. at 100kHz, 20°C
 Rated ripple current mArms(100kHz, 125°C)

Part number



- Aluminum Electrolytic Capacitors
 Surface Mount Type
- CE-LD
 - CE-FSS
 - CE-FS(High Voltage)
 - CE-FS
 - CE-AX
 - 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
 - NEW** CE-PB
 - CE-TH
 - CE-JX
 - CE-FN