

CE-ZL Series

105°C Long Life

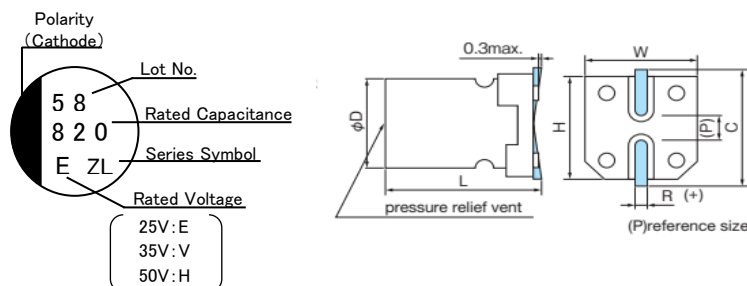
- 105°C 5,000hours
- Solvent proof(within 2 minutes)
- AEC-Q200

UPGRADE

Specifications

Items	Condition			Specifications		
Rated voltage (V)	—			25	35	50
Surge voltage (V)	Room temperature			32	44	63
Category temperature range (°C)	—			−55 to +105		
Capacitance tolerance (%)	120Hz/20°C			M : ±20		
Dissipation Factor(tan δ)	tan δ (max.) 120Hz/20°C			0.14	0.12	0.10
Leakage current (LC)	μ A/after 2 minutes (max.)			0.01CV		
Impedance ratio at low temperature	Based on the value at 120Hz, +20°C	−40°C	Z/Z _{20°C}	3		
		−55°C	Z/Z _{20°C}	3		
Endurance	105°C rated voltage applied	Test		5,000hours		
		Δ C/C		Within ±35% of the initial value		
		tan δ		Less than 300% of the specified value		
		LC		Less than the specified value		
Shelf Life	105°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 ±0.3	W ±0.2	H ±0.2	C ±0.2	R	P
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

μ F \ V	25	35	50
220			8 × 10.5 0.18 670
330		8 × 10.5 0.08 850	10 × 10.5 0.12 900
470	8 × 10.5 0.08 850		
560		10 × 10.5 0.06 1190	
820	10 × 10.5 0.06 1190		

Case size: φ D × L (mm)

ESR (Ω)max at 100kHz, 20°C

Rated ripple current
mA rms(100kHz, 105°C)

Part number

