

# CE-GA Series

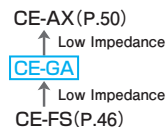
Low Impedance

5.4mm Height



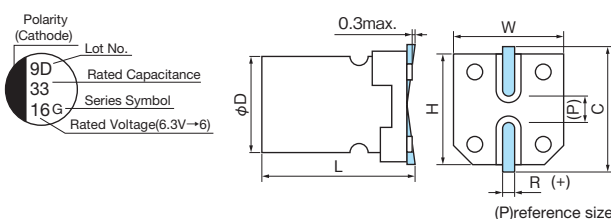
- 105°C 1,000hours
- Solvent proof (within 2 minutes)
- AEC-Q200

## Specifications



Items	Condition	Specifications								
Rated voltage (V)	—	6.3	10	16	25	35	50	63		
Surge voltage (V)	Room temperature	8.0	13	20	32	44	63	79		
Category temperature range (°C)	—	-55 to +105								
Capacitance tolerance (%)	120Hz/20°C	M : ±20								
Dissipation Factor (tan δ)	tanδ(max.)120Hz/20°C	0.24	0.20	0.16	0.14	0.12	0.12	0.12		
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	-40°C Z/Z <sub>20°C</sub>	3	2	2	2	2	2	2	
		-55°C Z/Z <sub>20°C</sub>	5	4	4	3	3	3	3	
Endurance	105°C, 1,000hours rated voltage applied (With the rated ripple current)	ΔC/C	Within ±25% of the initial value							
		tanδ	Less than 200% of the specified value							
		LC	Less than the specified value							

## Marking, Dimensions



(Unit : mm)

D <sup>+0.5</sup>	L <sup>+0.1 -0.2</sup>	W <sup>+0.2</sup>	H <sup>+0.2</sup>	C <sup>+0.2</sup>	R	P
4	5.4	4.3	4.3	5.0	0.5 to 0.8	1.0
5	5.4	5.3	5.3	6.0	0.5 to 0.8	1.4
6.3	5.4	6.6	6.6	7.3	0.5 to 0.8	2.2

## Size, Impedance, Rated Ripple Current

μF \ V	6.3	10	16	25	35	50	63											
1.0					4	3.1	68	4	7.4	37	4	8.0	20					
2.2					4	2.9	68	4	6.6	45	4	8.0	24					
3.3					4	2.7	68	4	5.4	52	5	3.5	40					
4.7				4	2.3	68	4	2.3	68	5	2.9	75	5	3.5	40			
10			4	2.3	68	5	1.1	105	5	1.1	105	6.3	1.3	120	6.3	1.6	65	
22	4	2.3	68	5	1.1	105	5	1.1	105	6.3	0.6	155	6.3	0.6	155	6.3	1.3	120
33	5	1.1	105	5	1.1	105	6.3	0.6	155	6.3	0.6	155	6.3	0.6	155			
47	5	1.1	105	6.3	0.6	155	6.3	0.6	155	6.3	0.6	155	6.3	0.6	155			
100	6.3	0.6	155	6.3	0.6	155	6.3	0.6	155	6.3	0.6	155						
220	6.3	0.6	155															

Please refer to page 14 for ripple current frequency coefficients.

 Impedance(Ω)  
max. at 100kHz, 20°C  
Case size:φD(mm)

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

## Part number

