

Aluminum Electrolytic Type / Surface Mount Type

RoHS compliance

# CE-BSS Series

Small, High Capacitance

5.4mm Height



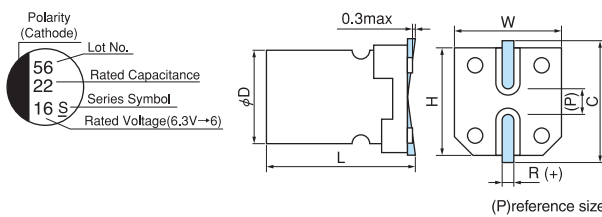
CE-BS (P.36)  
↓ Small  
CE-BSS

- Solvent proof (within 2 minutes)

## Specifications

Items	Condition	Specifications					
Rated voltage (V)	—	6.3	10	16	25	35	50
Surge voltage (V)	Room temperature	8.0	13	20	32	44	63
Category temperature range (°C)	—	-40 to +85					
Capacitance tolerance (%)	120Hz/20°C	M : ±20					
Dissipation Factor (tan δ)	tanδ (max) 120Hz/20°C	0.28	0.24	0.20	0.16	0.14	0.12
Leakage current (LC)	μA/after 2minutes (max)	The greater value of either 0.01CV or 3					
Impedance ratio at low temperature	Based the value at 120Hz, +20°C	-25°C Z/Z <sub>20°C</sub>	4	3	2	2	2
		-40°C Z/Z <sub>20°C</sub>	10	8	6	4	4
Endurance	85°C, 2,000hours rated voltage applied (With the rated ripple current)	ΔC/C	Within ±25% of the initial value				
		tan δ	Less than 200% of the specified value				
		LC	Less than the specified value				

## Marking, Dimensions



(Unit : mm)

D <sup>+0.5max</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, Rated Ripple Current

μF \ V	6.3	10	16	25	35	50
4.7						4×5.4 18
10				4×5.4 20	4×5.4 20	5×5.4 27
22		4×5.4 28	4×5.4 28	5×5.4 35	5×5.4 36	6.3×5.4 40
33	4×5.4 31	4×5.4 32	5×5.4 40	5×5.4 42	6.3×5.4 58	
47	4×5.4 36	5×5.4 43	5×5.4 44	6.3×5.4 65	6.3×5.4 65	
56	5×5.4 46	5×5.4 46	5×5.4 48	6.3×5.4 68		
100	5×5.4 47	5×5.4 50				
150	6.3×5.4 71	6.3×5.4 76				
220	6.3×5.4 74					

Please refer to page 15 for ripple current frequency coefficients.

Rated ripple current  
mA rms (120Hz, 85°C)

Case size: φD×L(mm)

## Part number

