

# CV-BSS Series

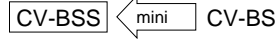
## Surface Mount Type Miniature, High CV products 5.5mm L.

CV-BSS series is smaller size in diameter than CV-BS series.

(ex.  $\phi 6.3 \rightarrow \phi 5$ )

CV-BSS series contributes toward miniaturization of any products.

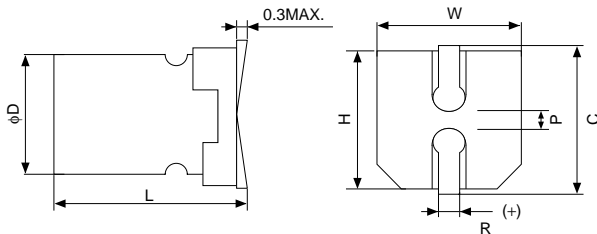
Solvent proof (within 2minutes).



### Specifications

Items		Specifications					
Rated voltage (V)		6.3	10	16	25	35	50
Operating temperature range (°C)		-40 to +85					
Capacitance tolerance (%)		±20 (120Hz)					
Tangent of loss angle(tan δ)(MAX.)(120Hz)		0.28	0.24	0.20	0.16	0.14	0.12
Leakage current (L.C.)(μA/after 2min.)(MAX.)		The greater value of either 0.01CV or 3					
Impedance (120Hz) ratio at low temperature (MAX.)	Z <sub>-25°C</sub> /Z <sub>20°C</sub>	4	3	2	2	2	2
	Z <sub>-40°C</sub> /Z <sub>20°C</sub>	10	8	6	4	4	4
High-temperature load 85°C 2000hrs. rated voltage applied.	ΔC/C	Within ±25% of the initial value					
	tan δ	≤ Twice the initial standard					
	L.C.	≤ The initial standard					
Resistance to soldering heat	Test	Capacitors placed on a 250°C hot plate for 30 seconds with their electrode terminals facing downward will fulfill the following conditions after being cooled to room temperature.					
	ΔC/C	Within ±10% of the initial value					
	tan δ	≤ The initial standard					
	L.C.	≤ The initial standard					
Other characteristics		Conform to IEC 384-18					

### Dimensions



(unit : mm)

D <sub>+0.5MAX.</sub>	L <sub>+0.1 -0.2</sub>	W <sub>±0.2</sub>	H <sub>±0.2</sub>	C <sub>±0.2</sub>	R	P <sub>±0.2</sub>
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 List

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		
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					

Model No.

16CV22BSS

└─ 22μF, nominal capacitance

└─ 16V, rated voltage

φD×L

└─ Ripple current  
mA r.m.s.  
(120Hz, 85°C)