

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).

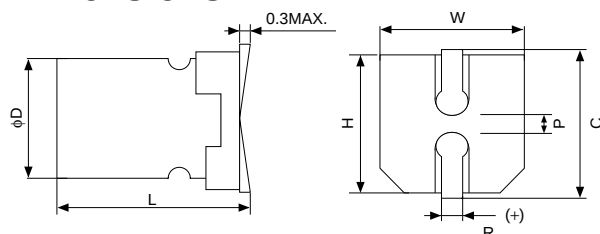
CV-BSS ← mini CV-BS



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 ($\tan \delta$) (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.)	$Z_{-25^\circ\text{C}}/Z_{20^\circ\text{C}}$	4	3	2	2	2	2
	$Z_{-40^\circ\text{C}}/Z_{20^\circ\text{C}}$	10	8	6	4	4	4
High-temperature load 85°C 2000hrs. rated voltage applied.	$\Delta C/C$	Within $\pm 25\%$ of the initial value					
	$\tan \delta$	$\leq$ Twice the initial standard					
	L.C.	$\leq$ 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.					
	$\Delta C/C$	Within $\pm 10\%$ of the initial value					
	$\tan \delta$	$\leq$ The initial standard					
	L.C.	$\leq$ The initial standard					
Other characteristics		Conform to IEC 384-18					

Dimensions



(unit : mm)

D $\pm 0.5\text{MAX.}$	L $\begin{smallmatrix} +0.1 \\ -0.2 \end{smallmatrix}$	W ± 0.2	H ± 0.2	C ± 0.2	R	P ± 0.2
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

$\mu\text{F} \backslash \text{V}$	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

22 μF , nominal capacitance

16V, rated voltage

$\phi D \times L$

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