

CV-NP Series

Surface Mount Type Bi-Polar (solvent proof) 5.5mm L.



CV-NP series is Bi-Polar type.

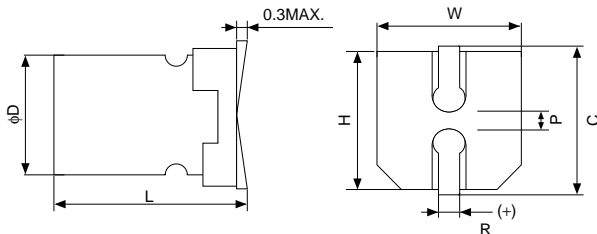
It is suited to conditions where polarity reverses or where polarity is not constant.

Solvent Proof (within 2 minutes).

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)		0.26	0.22	0.20	0.20	0.20	0.18
Leakage current (L.C.)(μA/after 1min.)(MAX.)		0.03CV+6					
Impedance (120Hz) ratio at low temperature (MAX.)	Z _{-25°C} /Z _{20°C}	4	3	2	2	2	2
	Z _{-40°C} /Z _{20°C}	8	6	4	4	3	3
High-temperature load 500hrs.(×4)(alternately) 85°C, rated voltage	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 _{+0.5MAX.}	L _{+0.1 -0.2}	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

μF \ V	6.3	10	16	25	35	50
0.10						4 1.0
0.22						4 2.3
0.33						4 3.5
0.47						4 5.0
1.0						4 10
2.2					4 8.4	5 15
3.3				4 10	5 17	5 18
4.7			4 12	5 19	5 20	6.3 23
10		4 17	5 25	6.3 28	6.3 30	
22	5 31	6.3 35	6.3 39			
33	6.3 39	6.3 43	6.3 57			
47	6.3 47					

Model No.
16CV10NP

10μF, nominal capacitance
16V, rated voltage

φD

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