

Surface Mount Type 125°C Long life (solvent proof)

CV-PX Series

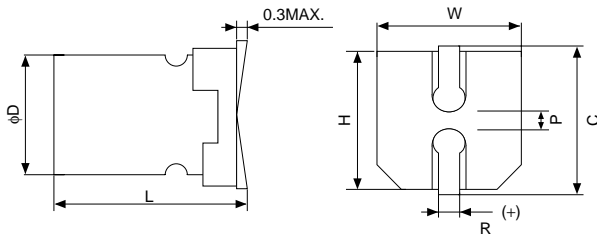
CV-PX series is high temperature • long life products. (125°C 1500Hrs.)
Solvent proof (within 2 minutes).



Specifications

Items	Specifications					
Rated voltage (V)	6.3	10	16	25	35	50
Operating temperature range (°C)	-40 to +125					
Capacitance tolerance (%)	±20 (120Hz)					
Tangent of loss angle(tan δ)(MAX.)(120Hz)	0.30	0.24	0.20	0.16	0.14	0.14
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°C} /Z _{20°C}	4	3	2	2	2
	Z _{-40°C} /Z _{20°C}	8	6	4	4	3
High-temperature load 125°C 1500hrs. rated voltage applied.	ΔC/C	Within ±25% of the initial value				
	tan δ	≤ 3 times 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 ^{MAX.}	W ^{±0.2}	H ^{±0.2}	C ^{±0.2}	R	P ^{±0.2}
8	10.5 ^{+0.3}	8.3	8.3	9.0	0.7 to 1.0	3.2
10	10.5 ^{+0.3}	10.3	10.3	11.0	0.7 to 1.0	4.6
12.5	13.5 ^{+0.5}	12.8	12.8	13.5	0.7 to 1.0	4.6

Size List

μF \ V	6.3	10	16	25	35	50
33						8×10.5 100
47					8×10.5 110	10×10.5 160
100				8×10.5 110	10×10.5 190	12.5×13.5 210
150					12.5×13.5 250	
220			8×10.5 120	10×10.5 200	12.5×13.5 250	12.5×13.5 220
330		8×10.5 120	10×10.5 200	12.5×13.5 270		
470	8×10.5 140	10×10.5 210	12.5×13.5 290			
680	10×10.5 210	12.5×13.5 300	12.5×13.5 300			
1000	12.5×13.5 330	12.5×13.5 320				
1500	12.5×13.5 350					

Model No.
16CV220PX

220μF, nominal capacitance
16V, rated voltage

φD×L

Ripple current
mA r.m.s.
(120Hz, 125°C)