

## CE-PX Series 125°C



- 125°C, 1500hrs.
- Solvent proof (within 2 minutes)

### Specifications

Items	Specifications					
Rated voltage (V)	6.3	10	16	25	35	50
Category temperature range (°C)	-40 to +125					
Capacitance tolerance (%)	±20 (120Hz/20°C)					
Tangent of loss angle (tanδ) (MAX.) (120Hz/20°C)	0.30	0.24	0.20	0.16	0.14	0.14
Leakage current (L.C.) (μA/after 2min.) (MAX.)	0.01CV					
Impedance (120Hz) ratio at low temperature (MAX.)	Z <sub>-25°C</sub> /Z <sub>20°C</sub>	4	3	2	2	2
	Z <sub>-40°C</sub> /Z <sub>20°C</sub>	8	6	4	4	3
Endurance 125°C, 1500hrs. rated voltage applied (With the rated ripple current)	ΔC/C	Within ± 25% of the initial value				
	tanδ	≤ 3 times the initial specified value				
	L.C.	≤ The initial specified value				

### Marking, Dimensions

[φD≤10]  
Polarity (Cathode)  
Lot No.  
Nominal Capacitance  
Series Symbol → P  
Rated Voltage(6.3V → 6)

[φD≥12.5]  
Polarity (Cathode)  
Lot No.  
Nominal Capacitance  
Series Symbol → P  
Rated Voltage(6.3V → 6)

(Unit : mm)

D <sup>+0.5MAX.</sup>	L <sup>±0.3</sup>	W <sup>±0.2</sup>	H <sup>±0.2</sup>	C <sup>±0.2</sup>	R	P <sup>±0.2</sup>
8	10.2	8.3	8.3	9.0	0.7 to 1.0	3.2
10	10.2	10.3	10.3	11.0	1.1 to 1.4	4.6
12.5	13.5 ±0.5	12.8	12.8	13.5	1.1 to 1.4	4.6

### Size List, Rated Ripple Current

μF \ V	6.3	10	16	25	35	50
33						8 x 10.2   100
47					8 x 10.2   110	10 x 10.2   160
100				8 x 10.2   110	10 x 10.2   190	12.5 x 13.5   210
150					12.5 x 13.5   250	
220			8 x 10.2   120	10 x 10.2   200	12.5 x 13.5   260	12.5 x 13.5   220
330		8 x 10.2   120	10 x 10.2   210	12.5 x 13.5   290		
470	8 x 10.2   140	10 x 10.2   210	12.5 x 13.5   300			
680	10 x 10.2   210	12.5 x 13.5   300	12.5 x 13.5   300			
1000	12.5 x 13.5   330	12.5 x 13.5   320				
1500	12.5 x 13.5   350					

Model No. 16 CE 220 PX

- 16: Rated voltage
- CE: Series code
- 220: Rated capacitance symbol
- PX: Type code

Case size ; φD x L (mm)

Rated ripple current mAr.m.s. (120Hz, 125°C)