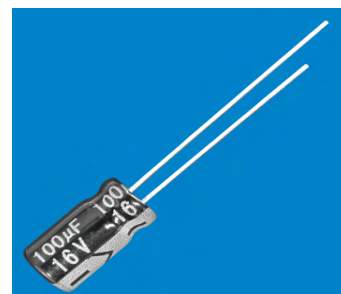


■CD110X(SX)(7mm) SERIES 7mm Super Miniature

- ▶ Super miniature size, light weight, good stable and reliable performance, good uniformity.
- ▶ Widely used in electronic equipment of thin and high density assemblies, such as recorders, cameras, computers and telecommunications.



Item	Characteristics				
Size and its tolerance	D	4	5	6	8
	F ± 0.5	1.5	2.0	2.5	3.5
	d ± 0.1	0.45		0.5	
Operating Temp. Range	-40°C ~ +105°C				
Rated Working Voltage U _R	6.3 ~ 63V _{DC}				
Capacitance Range C _R	0.1 ~ 470μ F(+20°C,100 or 120Hz)				
Capacitance Tol. Δ C/C _R	±20%, %(+20°C,100 or 120Hz) ^{+30 -10}				
Dissipation Factor tgδ	U _R (V) At +20°C,100 or 120Hz tgδ 6.3 0.22 10 0.20 16 0.16 25 0.14 35 0.12 63 0.10 50 0.10				
Leakage Current I _L	At+20°C after 2 minutes application of U _R . A grade ≤ 0.01·C _R ·U _R or 3μ A whichever is greater				
Load Life	At +85°C after U _R applied for 1000 hours . +85°C, U _R 1000: ±20% of initial measured value ≤ 200% of initial specified value ≤ initial specified value LC(I _L) Δ C DF(tgδ)				
Shelf Life	At +85°C,after shelf for 500 hours(without voltage applied) and then restored for 16 hours at room temp. ±20% of initial measured value ≤ 200% of initial specified value ≤ 200% of initial specified value LC(I _L) Δ C DF(tgδ)				

Case Size of Standard

U _R (V) C _R (μ F)	6.3	10	16	25	35	50	63
0.1 ~ 3.3						4×7	4×7
4.7					4×7	4×7	5×7
6.8					4×7	4×7	5×7
10			4×7	4×7	4×7	5×7	6×7
22			4×7	4×7	5×7	6×7	8×9
33		4×7	5×7	5×7	6×7	8×9	
47		4×7	5×7	6×7	6×7		
68		5×7	6×7	8×9	8×9		
100	5×7	5×7	6×7	8×9	8×9		
220	6×7	6×7	8×9				
330	8×9	8×9					
470	8×9						