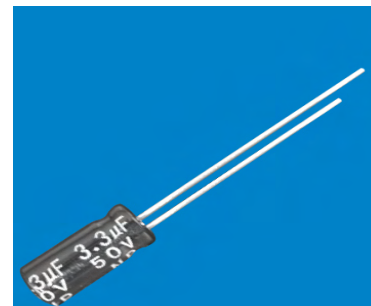
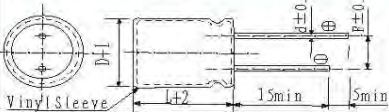


■ CD72(BP) SERIES

Non-Polar Speaker

- ▶ Low dissipation factor, high ripple current
- ▶ used in speaker dividing network circuits.



Item	Characteristics							
Size and its tolerance 	Ø D	8		10		13		16
	F ± 0.5	3.5		5.0				7.5
	d ± 0.1	0.5		0.6				0.8
Operating Temp. Range	-40℃ ~ +85℃							
Rated Working Voltage U _R	10 ~ 100V _{DC}							
Capacitance Range C _R	0.47 μ F ~ 47 μ F							
Capacitance Tol. ΔC/C _R	± 10% (+20℃, 100 or 120Hz)							
Dissipation Factor tg δ	At +20℃, 100 or 120Hz							
	+20℃ 100 or 120Hz							
	U _R (V)	10	16	25	35	50	63	100
	tg δ	0.10	0.08	0.06	0.05	0.05	0.04	0.04
Leakage Current I _L	≤ 0.03·C _R ·U _R or 3 μ A whichever is greater At +20℃, after 2 minutes application of U _R .							
Load Life	At +85℃, after U _R applied for 1000 hours .							
	ΔC	± 20% of initial measured value						
	DF(tg δ)	≤ 150% of initial specified value						
	LC(I _L)	initial specified value						
Shelf Life	At +85℃, after shelf for 500 hours (without voltage applied) , then restored for 16 hours at room temp.							
	ΔC	± 20% of initial measured value						
	DF(tg δ)	≤ 150% of initial specified value						
	LC(I _L)	≤ 200% of initial specified value						

U_R (V) C_R (μ F)	10	16	25	35	50	63	100
0.47					8×12	10×12	10×16
0.68					10×12	10×16	10×20
1.0			8×12	10×12	10×16	10×20	13×20
1.5			8×12	10×12	10×16	10×20	13×20
2.2		8×12	10×12	10×16	10×20	13×20	13×25
3.3	8×12	10×12	10×16	10×20	10×20	13×20	13×25
4.7	10×13	10×16	10×20	10×20	13×20	13×25	16×25
6.8	10×13	10×16	10×20	13×20	13×25	16×25	16×25
10	10×16	10×20	13×20	13×20	16×25	16×25	
15	10×16	10×20	13×20	13×25	16×25		
22	10×20	13×20	13×25	16×25			
33	13×20	13×25	16×25				
47	13×25	16×25					