

CAPACITOR

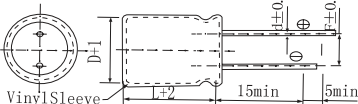
Aluminum Electrolytic Capacitor Series

KLS10 - 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	10～100V _{DC}							
Capacitance Range	0.47 μ F～47 μ F							
Capacitance Tol.	± 10%(+20℃,100 or 120Hz)							
Dissipation Factor tg δ	At +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						

Case Size of Standard Products

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					

Note: We can also provide the capacitors according to the customer's request.