

CAPACITOR

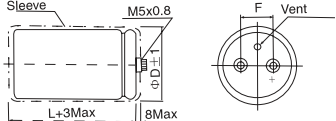
Aluminum Electrolytic Capacitor Series

KLS10 - CD13N (PK) Series

High Ripple Current

Used for storing energy of electric welder and in UPS air conditioners etc.
High voltage' large capacitance high ripple current and the device of pressure release.



Item	Characteristics				
Size and its tolerance 	D ± 1	35	50	65	80
	L + 3	80~100	80~120	100~120	100~160
	F ± 1	12.0	21.5	26.5	32.6
Operating Temp. Range	-40℃ ~+85℃		-25℃ ~+85℃		
Rated Working Voltage	160~250V		350~450V		
Nominal Capacitance Range	220~15000 μ F				
Capacitance Tol.	-10%~+30%				
Leakage Current I _L	I ≤0.02·C _R ·U _R (μ F) or 5mA				
Dissipation Factor tg δ	tan δ ≤0.25				
Load Life	At +85℃ after applying rated voltage for 1000 hours and then resumed 16 hours:				
	ΔC	≤ ± 15% of initial measured value			
	DF(tg δ)	≤175% of initial specified value			
	LC(I _L)	initial specified value			
Shelf Life	At +85℃ after storage for 500 hours and then resumed 16 hours:				
	ΔC	≤ ± 15% of initial measured value			
	DF(tg δ)	≤175% of initial specified value			
	LC(I _L)	≤200% of initial specified value			

U _R (V)	160		200		250		350		400		450	
Item C _R (μ F)	DxL (mm)	Rated ripple current (A)	DxL (mm)	Rated ripple current (A)	DxL (mm)	Rated ripple current (A)	DxL (mm)	Rated ripple current (A)	DxL (mm)	Rated ripple current (A)	DxL (mm)	Rated ripple current (A)
220									35×80	1.5	35×80	0.86
330									35×100	1.9	35×100	1.1
470							35×80	1.5	50×80	2.3	50×80	1.4
680			35×80	1.7	35×80	1.5	35×100	1.8	50×100	2.5	50×100	1.8
1000	35×80	1.7	35×100	1.9	35×100	1.9	50×80	2.3	50×120	2.8	65×100	2.4
1500	35×100	2.3	50×80	2.5	50×100	2.5	50×120	3.0	65×120	3.1	80×120	3.1
2200	50×80	2.9	50×100	3.2	50×120	3.5	65×100	3.9	80×100	3.8	80×140	4.0
3300	50×100	3.8	50×120	4.1	65×120	4.7	80×120	5.3	80×140	5.1	80×160	5.4
4700	50×120	4.8	65×120	5.2	80×120	5.7	80×140	7.0	80×160	6.7		
8800	65×120	6.3	80×140	6.6	80×150	7.3						
10000	80×100	7.8	80×160	8.6								
15000	80×160	10.6										