

Aluminum Electrolytic Capacitor Series

KLS10 - CDS (HX) Series

For Horizontal Deflection

Nonpolar Small loss at high frequency, high ripple current.
Used in S correction of horizontal deflection current in TVs.



Item	Characteristics																						
Size and its tolerance 	ØD	10	13	16	18																		
	F ± 0.5	5.0			7.5																		
	d ± 0.1	0.6			0.8																		
Operating Temp. Range	-40°C ~ +85°C																						
Rated Working Voltage	10V ~ 100Vdc																						
Capacitance Range	0.47 μF ~ 47 μF																						
Capacitance Tol.	± 10%, ± 20% (+20°C 100 or 120Hz)																						
Dissipation Factor tg δ	+20°C, 100 or 120Hz.	<table border="1"> <tr> <td>U_R (V)</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> <td>63</td> <td>100</td> </tr> <tr> <td>tg δ</td> <td>0.08</td> <td>0.06</td> <td>0.05</td> <td>0.04</td> <td>0.04</td> <td>0.03</td> <td>0.03</td> </tr> </table>						U _R (V)	10	16	25	35	50	63	100	tg δ	0.08	0.06	0.05	0.04	0.04	0.03	0.03
		U _R (V)	10	16	25	35	50	63	100														
tg δ	0.08	0.06	0.05	0.04	0.04	0.03	0.03																
Leakage Current I _L	≤ 100 μA At +20°C, after 5 minutes application of U _R																						
Load Life	At +85°C, after U _R applied for 1000 hours (polarity inversion after discharge per 250 hours):																						
	ΔC	± 15% of initial measured value																					
	DF(tg δ)	≤ 150% of initial specified value																					
Shelf Life	At +85°C, after shelf for 500 hours (without voltage applied), then restored for 16 hours at room temp.																						
	ΔC	± 15% 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

C _R (μF) \ U _R (V)	10	16	25	35	50	63	100
0.47							13×20
0.68						13×20	13×25
1.0			10×20	10×20	13×20	13×25	16×25
1.5			10×20	13×20	13×25	16×25	16×32
2.2		10×20	13×20	13×25	16×25	16×32	16×36
3.3	10×20	13×20	13×25	16×25	16×32	16×36	18×36
4.7	13×20	13×25	16×25	16×32	16×36	18×36	18×40
6.8	13×25	16×25	16×32	16×36	18×36	18×40	
10	16×25	16×32	16×36	18×36	18×40		
15	16×32	16×36	18×36	18×40			
22	16×36	18×36	18×40				
33	18×36	18×40					
47	18×40						

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