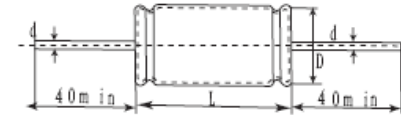


■AK10(AN) SERIES

Axial Non-polar

- Specially designed for use in speaker dividing net work for low ripple current.



Item	Characteristics									
Size and its tolerance 	D	±0.5				±1.0				
		6	8		10		12		13	16
	L ± 0.2	16	16	19	19	21	23	26	31	32
	d ± 0.1	0.6					0.8			
Operating Temp. Range	-40℃ ~ +85℃									
Rated Working Voltage UR	50 ~ 100V									
Capacitance Range CR	1.0 ~ 100μ F									
Capacitance Tol. Δ C/CR	±20%,±10%(100Hz)									
Dissipation Factor tgδ	UR(V)	50V				100V				
	100Hz	tgδ ≤ 0.12				tgδ ≤ 0.10				
Leakage Current IL	≤ 0.03·CR·UR+4μ A (After 2 minutes application of UR)									
Load Life	The following specifications shall be satisfied when the capcitors are restored to 25℃ after rated Dc voltage applied for 1000 hours at 85℃,During this test the rated Dc voltage shall be reversed on the capacitor every 125 hours:Δ C≤ ±20% of initial value,tgδ ≤ 150% of specified value,IL≤ specified value.									

Case Size of Standard Products

$C_R(\mu F) \backslash U_R(V)$	50V	100V
1 μ F	6×16	6×16
1.5 μ F	6×16	6×16
2.2 μ F	6×16	6×16
3.3 μ F	6×16	8×16
4.7 μ F	6×16	8×16
6.8 μ F	6×16	8×19
10 μ F	8×16	10×19
15 μ F	8×19	10×21
22 μ F	10×19	10×24
33 μ F	12×23	12×26
47 μ F	12×26	13×31
68 μ F	12×26	13×31
100 μ F	13×31	16×32

Permissible Ripple Current (mA at 20°C, 100Hz):

	1μ F	1.5μ F	2.2μ F	3.3μ F	4.7μ F	6.8μ F	10μ F	15μ F	22μ F	33μ F	47μ F	68μ F	100μ F
50V	23	28	28	35	41	50	64	88	106	136	162	215	271
100V	23	28	35	43	52	70	88	119	145	184	220	291	391