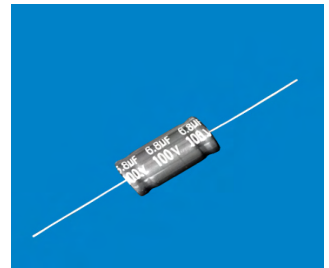
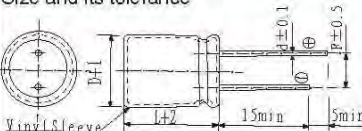


AK20(AB) SERIES

Axial Bi-polar

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



Item	Characteristics								
<div>Size and its tolerance</div> <div></div>	Ø D	10	13	16	18				
	F ± 0.5	5.0			7.5				
	d ± 0.1	0.6			0.8				
Operating Temp. Range	-40℃～+85℃								
Rated Working Voltage U _R	10V～100V _{DC}								
Capacitance Range C _R	0.47 μF～47 μF								
Capacitance Tol. ΔC/C _R	±10%, ±20%(+20℃100 or 120Hz)								
Dissipation Factor tg δ	+20℃, 100 or 120Hz.	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℃, after 5 minutes application of U _R								
Load Life	At +85℃, 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							
	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	±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

$C_R (\mu\text{F})$	$U_R (\text{V})$	50V	100V
1 μF		8 × 16	8 × 16
		10 × 19	10 × 19
1.5 μF		8 × 16	8 × 16
		10 × 19	10 × 19
2.2 μF		8 × 16	8 × 16
		10 × 19	10 × 19
3.3 μF		8 × 16	8 × 16
		10 × 19	10 × 19
4.7 μF		8 × 16	8 × 16
		10 × 19	10 × 19
6.8 μF		10 × 19	10 × 19
		12 × 23	12 × 23
10 μF		12 × 23	12 × 23
		12 × 23	12 × 23
15 μF		12 × 23	12 × 23
		12 × 23	12 × 23
22 μF		13 × 31	13 × 31
		16 × 32	16 × 32
33 μF		13 × 31	13 × 31
		16 × 32	16 × 32
40 μF		16 × 32	16 × 32
47 μF		16 × 32	16 × 32
68 μF		16 × 32	16 × 32
100 μF		16 × 32	16 × 32
150 μF		18 × 40	18 × 40
220 μF		18 × 40	18 × 40