

Aluminum Electrolytic Capacitors



AKP Series

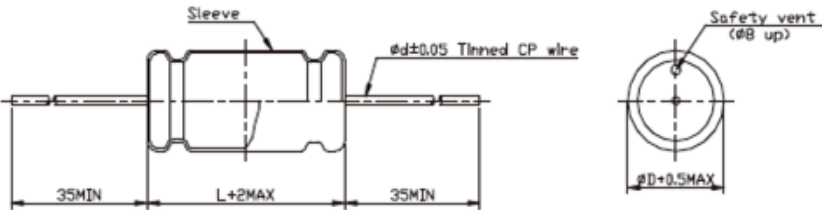
- Axial General NP for Crossover Network Type.
- Rohs compliance.



◆ SPECIFICATIONS

Item	Characteristics						
Temperature Range	-40 +85℃						
Rated Voltage Range	50V.DC, 100V.DC						
Rated Capacitance Range	100 ~1000F						
Capacitance Tolerance	±10%(K) or±5%(J) (1KHz, 20℃)						
Leakage Current	I=0.02CV or 3A Max, whichever is greater, after 2 minutes application of rated voltage.						
Dissipation Factor (tanδ)	Tanδ(Max)	0.1	0.06	0.04			120Hz, 20℃
Temperature Characteristic	Impedance ratio (120Hz)						
	Rated Voltag	50	100				
	Z-25℃ / Z+20℃	2	2				
	Z-40℃ / Z+20℃	4	4				
Load Life	After 2000 hours application of rated working voltage at 85℃ with the polarity inverted every 250 hours, capacitors meet the characteristics requirements mentioned belo						
	Capacitance chang			Within±20% of initial value			
	Dissipation Factor (Tan)			150% or less of initial specified value			
	Leakage Current			Initial specified value or less			
Shelf Life	After leaving capacitors under no load at 85℃ for 1000 hours and applying voltage according to JIS C 5102 4-4, they meet the specified value for load life characteristics listed above.						
Applicable Standards	JIS C-5141 W、EIAJ RC-2366A EIAJ RC-3803 Characteristics W of JIS C-5141, EIAJ RC-2366A and EIAJ RC-3803						

◆ DRAWING



ΦD	10	13~25
Φd	0.6	0.8

◆ PART NUMBERING SYSTEM

AKP

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Series	Rated Cap.	Cap. Tolerance	Rated Voltage	Case Size D	Case Size L

AKP Series
■STANDARD RATINGS

D.F.(Tan) Code) Cap(F)								D X L (mm)	
		0.1		0.06		0.04			
		1H(50V)	2A(100V)	1H(50V)	2A(100V)	1H(50V)	2A(100V)		
100	101	10x24	16x33	10x24	16x33	13x26	16x33		
120	121	10x24	16x33	13x26	16x33	13x31	16x33		
150	151	13x26	16x33	13x26	16x38	13x31	16x41		
180	181	13x26	16x38	13x31	16x41	16x33	18x41		
220	221	13x31	18x41	13x31	18x41	16x33	22x44		
270	271	13x31	18x41	16x33	18x41	16x33	22x44		
330	331	16x33	22x44	16x33	22x44	16x38	22x48		
400	401	16x33	22x44	16x38	22x44	16x41	25x50		
470	471	16x38	22x48	16x41	22x48	18x41	25x50		
560	561	16x41	25x50	18x41	22x50	18x41	25x54		
680	681	18x41	25x50	18x41	22x54	22x44	25x58		
800	801	18x41	25x54	22x44	22x58	22x44			
1000	102	22x44		22x44		25x50			

Please contact to us if other Characteristics or Dimensions are required.