

GLA Axial Leads, Low leakage current 85°C Series

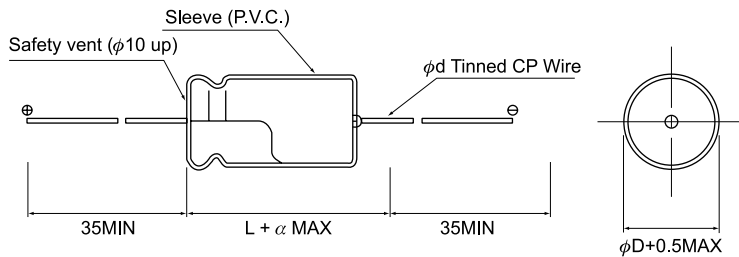
- Featured with low leakage current.
- Suitable for timing & trigger circuits or other high reliability application.
- Life guaranteed 2,000 hours/85°C.



• Specifications

Item	Performance Characteristics					
Operating Temperature range	-40 + 85°C					
Rated Voltage	10V ~ 50V					
Capacitance Range	0.47 ~ 1,000 μF					
Capacitance Tolerance	±20% (120Hz, 20°C)					
Leakage Current	I ≤ 0.002CV or 0.4 μA, whichever is greater after 2 minutes application of rated voltage.					
Dissipation Factor (120Hz, 20°C)	Rated voltage (V)	10	16	25	35	50
	Tan δ (max.)	0.20	0.16	0.14	0.12	0.10
Temperature Characteristics (120Hz)	Impedance Ratio / Stability at Low Temperature					
	Rated voltage (V)	10	16	25	35	50
	Z (-25°C) / Z (20°C)	3	2	2	2	2
	Z (-40°C) / Z (20°C)	6	4	4	3	3
Load Life	After 1,000 hours application of WV at 85°C, capacitor shall meet the characteristics requirements mentioned below.					
	Capacitance change	Within ±20% of initial value				
	Tan δ	200% or less of initial specified value				
	Leakage current	Initial specified value or less				
Shelf Life	At 85°C, no voltage applied for 1,000 hours, the capacitor shall meet the limits as in load life.					

• Dimension (mm)



Dφ	5	6.3	8	10	13
φd	0.6		0.6		
α	1.5		1.5		

• Standard Products Table

Cap (μF) \ WV(SV)	Dφ x L (mm)									
	10 (13)		16 (20)		25 (32)		35 (44)		50 (63)	
0.47									5 x 13	5
1									5 x 13	10
2.2									5 x 13	23
3.3									5 x 13	30
4.7									5 x 13	35
6.8									5 x 13	45
10							5 x 13	50	6.3 x 13	55
15					5 x 13	55	6.3 x 13	65	6.3 x 13	70
22			5 x 13	60	6.3 x 13	70	6.3 x 13	80	6.3 x 16	95
33	5 x 13	65	6.3 x 13	80	6.3 x 13	90	6.3 x 16	105	8 x 16	130
47	6.3 x 13	90	6.3 x 13	100	6.3 x 16	120	8 x 16	140	8 x 16	155
68	6.3 x 13	105	6.3 x 16	130	8 x 16	155	8 x 16	170	8 x 20	205
100	6.3 x 16	145	8 x 16	180	8 x 16	190	8 x 20	230	10 x 21	280
150	8 x 16	195	8 x 16	220	8 x 20	260	10 x 21	310	10 x 26	380
220	8 x 16	235	8 x 20	295	10 x 21	350	10 x 26	420	13 x 26	500
330	8 x 20	320	10 x 21	400	10 x 26	470	13 x 26	560	13 x 31	660
470	10 x 21	430	10 x 26	530	13 x 26	620	13 x 31	720		
680	10 x 26	570	13 x 26	700						
1000	13 x 26	760							Case size	Ripple

Ripple current (mA) at 85°C 120Hz