

GTA Axial Leads, 125°C Standard Series

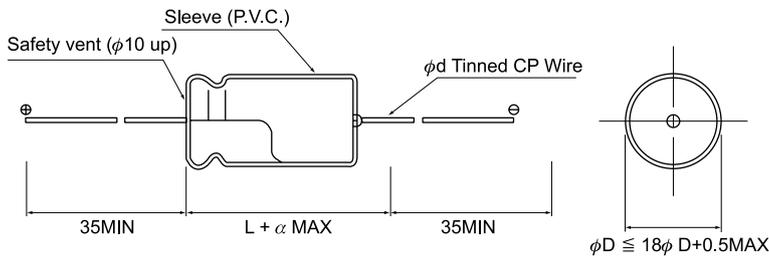
- Working temperature range up to 125°C.
- Most suitable for industrial equipments where heat resistance application.
- Life guaranteed : 2,000 hours 125°C.



• Specifications

Item	Performance Characteristics						
Operating Temperature range	-40 + 125°C						
Rated Voltage	10V ~ 63V						
Capacitance Range	1 ~ 4,700 μF						
Capacitance Tolerance	±20% (120Hz, 20°C)						
Leakage Current	I ≤ 0.01CV or 3 μA, whichever is greater after 2 minutes application of rated voltage.						
Dissipation Factor (120Hz, 20°C)	Rated voltage (V)	10	16	25	35	50	63
	Tan δ (max.)	0.20	0.16	0.14	0.12	0.10	0.10
Temperature Characteristics (120Hz)	For capacitance of more than 1,000μF, add 0.02 for every increase of 1,000μF.						
	Impedance Ratio / Stability at Low Temperature						
	Rated voltage (V)	10	16	25	35	50	63
	Z (-25°C) / Z (20°C)	3	2	2	2	2	2
Load Life	After 2,000 hours application of WV at 125°C, capacitor shall meet the characteristics requirements mentioned below.						
	Capacitance change	Within ± 20% of initial value					
Shelf Life	Tan δ	200% or less of initial specified value					
	Leakage current	Initial specified value or less					
Shelf Life	At 125°C, no voltage applied for 1,000 hours, the capacitor shall meet the limits as in load life.						

• Dimension (mm)



φD	8	10	13	16
φd	0.6	0.6	0.6	0.8
α	2.0			

• Standard Products Table

WV (SV) Cap (μF)	Dφ x L (mm)											
	10 (13)		16 (20)		25 (32)		35 (44)		50 (63)		63 (75)	
1									8 x 16	10		
2.2									8 x 16	22		
3.3									8 x 16	27		
4.7									8 x 16	32		
10									8 x 16	47		
22									8 x 16	70		
33									8 x 16	85		
47									8 x 16	105	8 x 20	120
100					8 x 16	125	8 x 20	160	8 x 20	180	10 x 21	200
220	8 x 16	155	8 x 20	210	8 x 20	220	10 x 21	260	10 x 26	320	13 x 26	360
330	8 x 20	220	8 x 20	250	10 x 21	300	10 x 26	350	13 x 26	430	13 x 31	480
470	8 x 20	270	10 x 21	330	10 x 26	390	13 x 26	470	13 x 31	570	16 x 31	650
1000	10 x 26	470	13 x 26	590	13 x 31	700	16 x 31	850	16 x 41	1030		
2200	13 x 31	820	16 x 31	1030	16 x 41	1210						
3300	16 x 31	1090	16 x 41	1330								
4700	16 x 41	1390										

Ripple current (mA) at 125°C 120 Hz