

AXIAL TYPE ALUMINUM ELECTROLYTIC CAPACITORS

Suntan®

NON-POLARIZED (BI-POLARIZED)

TS13AT



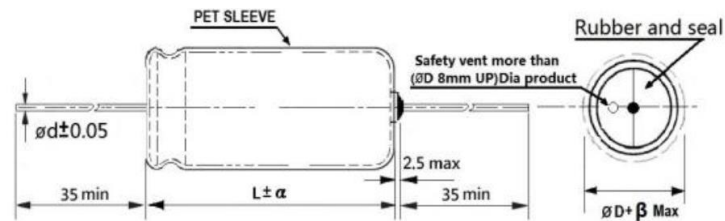
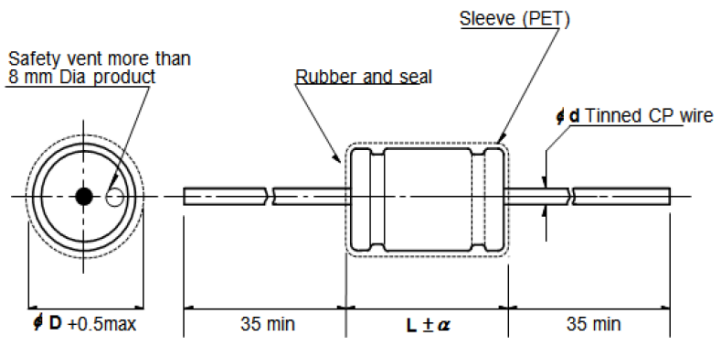
I T E M S		C H A R A C T E R I S T I C	
Temperature Range(°C)	-40°C ~ +105°C		
Capacitance Tolerance	±10% (K), ±20% (M) at 1KHz		
Rated Voltage	50V, 100V.DC		
Leakage Current (20°C)	Axial Type: MAX. 0.03CV + 3uA (after 5 minutes application of rated working voltage) Axial Spot Type: MAX. 0.04CV + 3uA (after 5 minutes application of rated working voltage)		
Load Life Test	After 1,000 hours application of rated voltage at 105°C ±2, capacitors meet the characteristics requirement listed as below:		
	Capacitance Change	Within ±25% of initial	
	Dissipation Factor	200% or less of initial specified	
	Leakage Current	Install specified value or less	
Max Dissipation Factor	MAX 15% at 1KHZ		

DIAGRAM OF DIMENSIONS

Unit: mm

Axial Type

Axial Spot Type



ØD	6.3	8	10	13	16	18	22	25
Ød	0.6	0.6	0.6	0.8	0.8	0.8	0.8	0.8
α	0.8	0.8	1.5	2.0	2.0	2.0	2.0	2.0

ØD	6.3	8	10	13	16	18	22	25
Ød	0.6	0.6	0.6	0.6	0.8	0.8	0.8	0.8
α	1.5	1.5	2.0	2.0	2.0	2.0	2.0	2.0
β	0.5	0.5	1.0	1.0	1.0	1.0	1.0	1.0

CASE SIZE

DIMENSIONS: Diameter (ØD) x Length (L) mm

Type V.DC	Axial Type		Axial Spot Type*	
	50V (1H)	100V (2A)	50V (1H)	100V (2A)
µF	ØDxL	ØDxL	ØDxL	ØDxL
1.0	6x16	6x16	6.3x13	6.3x13
1.5	6x16	6x16	6.3x13	6.3x13
2.2	6x16	8x17	6.3x13	8x13
3.3	6x16	8x17	6.3x13	8x13
4.7	6x16	8x17	6.3x13	8x13
5.6	6x16	8x17	6.3x13	8x13
6.8	8x17	8x19	8x13	10x17
8.2	8x17	8x19	8x13	10x17
10	8x17	8x19	8x13	10x17
15	8x19	10x19	8x13	10x21
22	10x19	10x19	10x17	10x21
33	10x24	10x24	10x21	13x22
47	10x24	13x27	10x21	13x22
68	13x27	13x27	13x22	13x27
75	13x27	13x27	13x22	13x27
82	13x27	13x31	13x22	16x28
100	13x27	13x31	13x22	16x28
120	13x27	16x34	13x22	16x28
150	13x31	16x34	13x27	16x33
220	13x31	16x34	13x27	18x40

* P/N "Z" for Axial Spot Type, eg: TS13AT1H1R5MSB0Z0R

Note: Specifications are subject to change without notice. For more detail and update, please visit our website.