

# ALUMINUM ELECTROLYTIC CAPACITOR

Suntan®

7MM HEIGHT BI-POLAR

# TS13D CD71C

## FEATURES

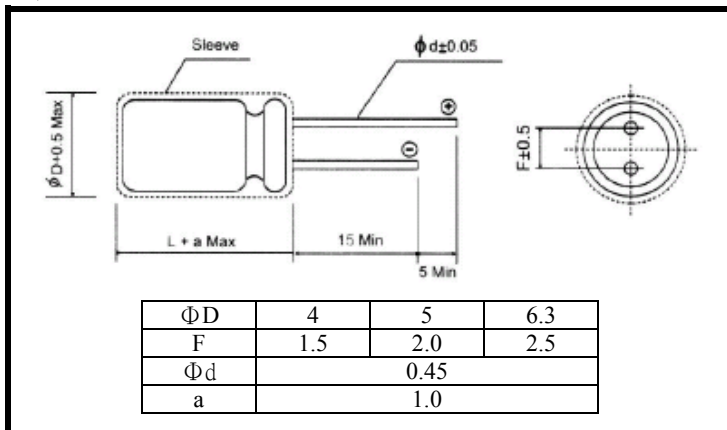
- Load life of 1000 hours at 85°C
- Bi-polar
- 7mm height, standard products



## ◆ Specifications

ITEMS		PERFORMANCE CHARACTERISTICS					
Operating Temperature Range(°C)		-40~+85					
Capacitance Tolerance (25°C, 120Hz)		±20%					
Leakage Current(μA)		0.03CV +3 Max (at 25°C, after 5 minutes) C: Nominal Capacitance(μF) V: Rated Voltage(V)					
Dissipation Factor (25°C, 120Hz)	Rated Voltage(V)	6.3	10	16	25	35	50
	Tan δ	0.30	0.25	0.20	0.15		
Load Life (+85°C)	Time	1000 hours. (Polarity inverts for every 250 hours)					
	Leakage current	Not more than the specified value.					
	Capacitance Change	Within±20% of initial value					
	Dissipation factor	Not more than 200% of the specified value.					
Shelf Life (+85°C)		500hours. No Voltage applied. After test: U <sub>R</sub> to be applied for 30 minutes, 24 to 48 hours before measurement.					

## ◆ Dimensions



## ◆ Multiplier for ripple current

### Frequency coefficient

Freq(Hz)	50,60	120	500	1K	≥10K
Cap(μF)	0.8	1.0	1.2	1.3	1.5

## ◆ Standard ratings

WV(v)	6.3		10		16		25		35		50	
	Size(mm) ΦDxL	Ripple mArms	Size(mm) ΦDxL	Ripple mArms	Size(mm) ΦDxL	Ripple mArms	Size(mm) ΦDxL	Ripple mArms	Size(mm) ΦDxL	Ripple mArms	Size(mm) ΦDxL	Ripple mArms
0.1	--	--	--	--	--	--	--	--	--	--	4x7	1
0.22	--	--	--	--	--	--	--	--	--	--	4x7	2
0.33	--	--	--	--	--	--	--	--	--	--	4x7	3
0.47	--	--	--	--	--	--	--	--	--	--	4x7	5
1	--	--	--	--	--	--	--	--	--	--	4x7	10
2.2	--	--	--	--	--	--	--	--	4x7	13	5x7	15
3.3	--	--	--	--	--	--	4x7	15	5x7	19	5x7	19
4.7	--	--	--	--	4x7	18	5x7	18	5x7	22	6.3x7	26
10	--	--	4x7	23	5x7	25	6.3x7	35	6.3x7	37	--	--
22	5x7	32	5x7	35	6.3x7	45	6.3x7	50	--	--	--	--
33	5x7	40	6.3x7	45	6.3x7	60	--	--	--	--	--	--
47	6.3x7	56	6.3x7	65	--	--	--	--	--	--	--	--

Ripple Current: 85°C, 120Hz

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