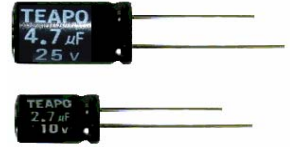


ALUMINUM ELECTROLYTIC CAPACITORS

SR

Bi-polar horizontal deflection
Series

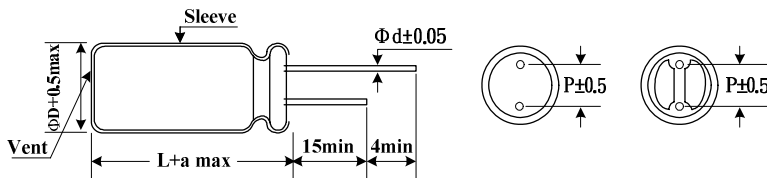
- Features: 85°C 1000 hours
- Recommended Application: Non-polar capacitors for horizontal deflection circuits of TV sets, Correction at high frequency and high ripple currents
- Corresponding product to RoHS



Specifications

Item	Characteristics			
Operating Temperature Range	-40 ~ +85℃			
Rated Voltage Range	25~ 50VDC			
Rated Capacitance Range	2.2 ~ 47 μ F			
Capacitance Tolerance	± 10 %(K) at 120Hz , 20℃			
Leakage Current (MAX) (20℃)	DC Leakage current : 100 μ A Max .(After 2 minutes both direction)			
Dissipation Factor (MAX) (tan δ) (120Hz ,20℃)	WV	25	35	50
	tan δ	0.05	0.05	0.05
Endurance	After applying rated voltage for 1000hrs at 85℃ , (Polarity inverted every 250 hrs.) the capacitors shall meet the following requirements.			
	Capacitance Change	Within ± 20 % of initial value		
	Dissipation Factor	Not more than 150% of specified value		
	Leakage Current	Not more than the specified value		
Shelf Life	After placed at 85℃ without voltage applied for 500 hours, the capacitors shall meet the same requirement as Endurance.			

Diagram of Dimensions



ϕ D	13.0	16.0	18.0	22.0
P	5.0	7.5	10.0	
ϕ d	0.6	0.8	0.8	
a	2.0			

Multiplier for Ripple Current

Frequency coefficient

Frequency (Hz)	60	120	400 ~ 1 K	15.75 K
25~50 V	0.4	0.4	0.8	1.0

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■ Dimensions, Rated Ripple Current

Capacitance (μ F)	Rated (Surge) Voltage					
	25 (32)		35 (44)		50 (63)	
	SIZE	RIPPLE	SIZE	RIPPLE	SIZE	RIPPLE
2.2	16X25	6	16X25	6	16X25	6
3.3	16X25	7	16X25	7	16X25	7
4.7	16X25	7	16X25	7	16X25	7
5.6	16X32	7	16X32	7	16X32	7
6.8	16X36	8	16X36	8	16X36	8
8.2	16X36	8	16X36	8	16X36	8
10	18X40	12	18X40	12	18X40	12
13	18X40	12	18X40	12	18X40	12
15	18X40	12	18X40	12	18X40	12
18	22X40	13	22X40	13	22X40	13
20	22X40	13	22X40	13	22X40	13
22	22X40	13	22X40	13	22X40	13
25	22X40	13	22X40	13	22X40	13
47	22X40	13	22X40	13	22X40	13

☆ Size: D ϕ x L (mm) ☆ Ripple Current: (Ap-p) / Sawtooth waveform 15.75KHz, 85°C