

Miniature Size Aluminum Electrolytic Capacitors

SR [For Horizontal Deflection]

Bi-Polarized Capacitors for Horizontal Deflection Circuits of TV Sets



DESCRIPTION

Non-Polar Type for Used in Horizontal Deflection Current

Correction at High Frequency and High Ripple Currents

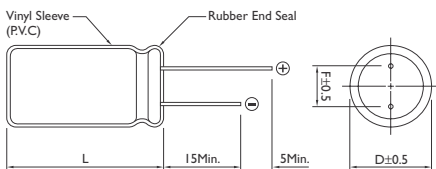
Frequency coefficient

Frequency(Hz)	60	120	400~1K	15.75K
Coefficient	0.40	0.40	0.80	1.00

Temperature coefficient

Temperature(°C)	65	70	85
Factor	1.15	1.00	0.80

DIAGRAM OF DIMENSIONS



ELECTRICAL CHARACTERISTICS

Operating Temperature : -40° ~ +85°C

Working Voltage : 25, 35, 50V

Rate Capacitance Range : 2.2 ~ 47µF

Capacitance Tolerance : -20 ~ +20%

DC Leakage Current (µA) : 100µA Max.

(After 5 Minutes in Both Direction, at 25°C)

Dissipation Factor : at 120 Hz, 25°C

WV (V)	25	35	50
D.F (%)	5	5	5

Load Life : 1000 Hours at 70°C with Permissible Ripple Current at 15.75 KHz

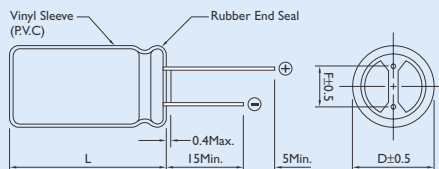
(Polarity Inverted Every 250 Hours)

- (a) Capacitance Change : Within 20% of Initial Value
- (b) Dissipation Factor : Not Exceed 200% of Initial Requirement
- (c) Leakage Current : Not Exceed the Initial Requirement

Shelf Life : 500 Hours, No Voltage Applied, at 85°C

- (a) Capacitance Change : Within 20% of Initial Value
- (b) Dissipation Factor : Not Exceed 200% of Initial Requirement
- (c) Leakage Current : Not Exceed 200% of Initial Requirement

Rubber Stand-off



L ≤ 12 L + 1.5Max.
 13 ≤ L ≤ 15 L + 1.0
 L ≥ 16 L + 2.0Max.

Dimensions : mm

Dø	F	dø
4.0	1.5	0.45
5.0	2.0	0.5
6.0	2.5	
8.0	3.5	
10.0	5.0	0.6
12.0		
13.0		
16.0	7.5	0.8
18.0		
22.0	10.0	0.8



CASE SIZE & PERMISSIBLE RIPPLE CURRENT OF STANDARD PRODUCTS

CAP. (μ F)	RATED VOLTAGE WV					
	25		35		50	
	Size	Ripple	Size	Ripple	Size	Ripple
2.2	16 x 25	6	16 x 25	6	16 x 25	6
3.3	16 x 25	7	16 x 25	7	16 x 25	7
4.7	16 x 25	7	16 x 25	7	16 x 25	7
5.6	16 x 32	7	16 x 32	7	16 x 32	7
6.8	16 x 36	8	16 x 36	8	16 x 36	8
8.2	16 x 36	8	16 x 36	8	16 x 36	8
10	18 x 40	12	18 x 40	12	18 x 40	12
13	18 x 40	12	18 x 40	12	18 x 40	12
15	18 x 40	12	18 x 40	12	18 x 40	12
18	22 x 40	13	22 x 40	13	22 x 40	13
20	22 x 40	13	22 x 40	13	22 x 40	13
22	22 x 40	13	22 x 40	13	22 x 40	13
25	22 x 40	13	22 x 40	13	22 x 40	13
47	22 x 40	13	22 x 40	13		

Note : * 1. D x L : mm

* 2. mA rms at 105°C, 120Hz