

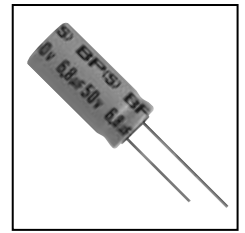
RADIAL TYPE

UK Series

For Horizontal Deflection Equalization
Bi-Polarized

JAMICON®

- Have high frequency and high ripple current characteristics.
- Suitable for equalizing of horizontal deflection of TV sets and terminals.

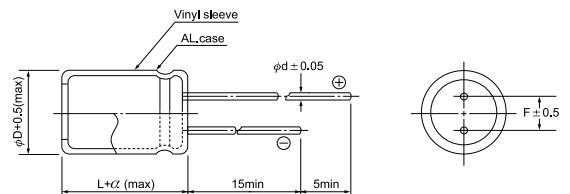


SPECIFICATION

Item	Characteristic			
Operation Temperature Range	-40 ~ +85°C			
Rated Working Voltage	25 ~ 50VDC			
Capacitance Tolerance (120Hz 20°C)	±20%(M) ±10%(K)			
Leakage Current (20°C)	100 (μA) After 5 minutes in both directions. I : Leakage Current (μA) C : Rated Capacitance(μF) V : Working Voltage (V)			
Surge Voltage (20°C)	W.V.	25	35	50
	S.V.	32	44	63
Dissipation Factor (tan δ) (120Hz 20°C)	tan δ ≤ 0.05			
Temperature Characteristics	Capacitance change shall be within ±10% of the value at 25°C over operation temperature range.			
Load Life	After 2000 hours application of W.V. and +85°C ripple current value, the capacitor shall meet the following limits. (DC + ripple peak voltage ≤ rate working voltage) (The polarity need to exchange every 250 hours)			
	Capacitance Change	≤ ±15% of initial value		
	Dissipation Factor	≤200% of initial specified value		
	Leakage current	≤initial specified value		

DIMENSIONS (mm)

φD	10	12.5	16	18	22
F	5.0	5.0	7.5	7.5	10.0
d	0.6	0.6	0.8	0.8	1.0
α	1.5	1.5	1.5	1.5	2.0



CASE SIZE & MAX RIPPLE CURRENT

Case size : D x L (mm)
E.S.R. : Ω 20°C 120Hz
Max ripple current : A(P-P) 85°C 15.75kHz

μF	V(Code) Code	Item	25 (1E)			35 (1V)			50 (1H)		
			DxL	E.S.R.	R.C.	DxL	E.S.R.	R.C.	DxL	E.S.R.	R.C.
2.2	2R2		10x20	30.14	2.80	12.5x25	30.14	3.50	12.5x25	30.14	3.50
3.3	3R3		12.5x25	20.10	4.50	16x25	20.10	4.80	16x25	20.10	4.80
4.7	4R7		12.5x25	14.11	5.50	16x31.5	14.11	6.50	16x31.5	14.11	6.50
6.8	6R8		16x31.5	9.75	7.50	16x35.5	9.75	8.00	16x35.5	9.75	8.00
8.2	8R2		16x31.5	8.09	8.50	18x35.5	8.09	9.50	18x35.5	8.09	9.50
10	100		16x35.5	6.63	10.00	18x35.5	6.63	10.50	18x35.5	6.63	10.50
12	120		18x35.5	5.53	11.50	22x40	5.53	12.00	22x40	5.53	12.00
18	180		22x40	3.68	13.00						