

Radial Aluminum Electrolytic Capacitor – JRK

FEATURES

- Load life of 2000 hours at 105°C
- 7MM Height



SPECIFICATIONS

Operating Temperature Range (°C) -40°C ~ +105°C
 Capacitance Tolerance (20°C, 120Hz) ±20%
 Leakage Current (µF) 0.01CV or 3µA whichever is greater, (at 25°C, after 2 minutes)

C: Nominal Capacitance(µF) V: Rated Voltage(V)

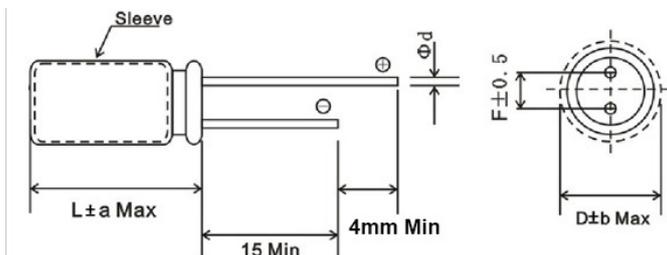
Rated Voltage	6.3	10	16	25	35	50
Tan δ	0.22	0.19	0.16	0.14	0.12	0.10

Rated Voltage (V)		6.3	10	16	25	35	50
Impedance Ratio	Z-25°C/Z+20°C	3			2		
	Z-40°C/Z+20°C	8	5	4	3		

Load Life (+105°C)	Time	2000hours
	Leakage Current	Not more than the specified value.
	Capacitance Change	Within±20% of the initial value
	Dissipation Factor	Not more than 200% of the specified value.

Shelf Life (+85°C) 500 hours. No voltage applied. After test: U_R to be applied for 30 minutes, 24 to 48 hours before measurement.

DIMENSIONS (mm)



ΦD	4	5	6.3
F	1.5	2.0	2.5
Φd±0.05	0.45		
a Max	+1.5 -1.0		
b Max	0.5		

MULTIPLIER FOR RIPPLE CURRENT

Frequency coefficient

Cap (µF) \ Freq(Hz)	50,60	120	1K	10K ~ 100K
0.47 ~ 47	0.75	1.00	1.55	2.00
68 ~ 100	0.80	1.00	1.34	1.50

Temperature coefficient

Temperature(°C)	+70	+85	+105
Factor	2.10	1.80	1

STANDARD RATINGS

WV (V) Cap (µF)	6.3		10		16		25		35		50	
	Size(mm) DxL	Ripple mArms										
0.1	--	--	--	--	--	--	--	--	--	--	4x7	6
0.22	--	--	--	--	--	--	--	--	--	--	4x7	8
0.33	--	--	--	--	--	--	--	--	--	--	4x7	10
0.47	--	--	--	--	--	--	--	--	--	--	4x7	12
1	--	--	--	--	--	--	--	--	--	--	4x7	16
2.2	--	--	--	--	--	--	--	--	--	--	4x7	25
3.3	--	--	--	--	--	--	4x7	21	4x7	23	4x7	28
4.7	--	--	--	--	--	--	4x7	25	4x7	25	4x7	48
10	--	--	--	--	4x7	39	5x7	47	5x7	48	6.3x7	75
22	4x7	42	5x7	49	5x7	54	6.3x7	87	6.3x7	90	--	--
33	5x7	53	5x7	60	6.3x7	83	6.3x7	90	--	--	--	--
47	5x7	64	6.3x7	95	6.3x7	95	--	--	--	--	--	--
100	4x7	118	5x7	136	5x7	152	--	--	--	--	--	--
220	--	--	6.3x7	170	--	--	--	--	--	--	--	--

Ripple Current: 105°C, 100KHz

Please visit our website to get more update data, those data & specification are subject to change without notice.