

Radial Aluminum Electrolytic Capacitor – JRK

FEATURES

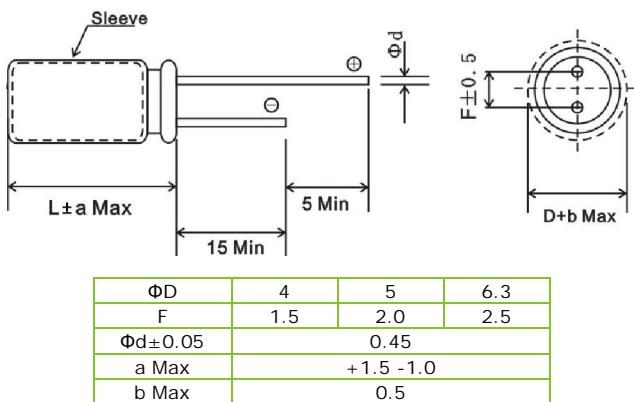
- Load life of 2000 hours at 105°C
- 7MM Height



SPECIFICATIONS

Operating Temperature Range (°C)	-40°C ~ +105°C						
Capacitance Tolerance (25°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)							
Dissipation Factor (25°C, 120Hz)	Rated Voltage	6.3	10	16	25	35	
	Tan δ	0.22	0.19	0.16	0.14	0.12	
Temperature Stability (120Hz)	Rated Voltage (V)	6.3	10	16	25	35	
	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)



MULTIPLIER FOR RIPPLE CURRENT

Frequency coefficient

Rated Voltage(V)	Freq(Hz)			
	50,60	120	1K	10K ~ 100K
6.3 ~ 16	0.68	0.72	0.92	1.0
25 ~ 35	0.48	0.63	0.80	1.0
50	0.45	0.50	0.70	1.0

Temperature coefficient

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

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.