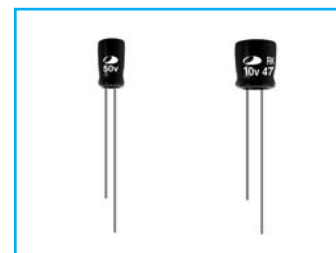


MINIATURE ALUMINUM ELECTROLYTIC CAPACITORS

RK Wide Temperature Range, Height 7mm Series

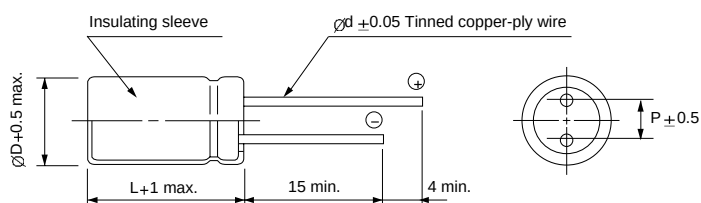
- Super miniature series with 7mm height
- High performance and excellent temperature characteristics
- Wide operating temperature range of -55 ~ +105°C



Item	Characteristics								
Operating temperature range	-55 ~ +105℃								
Leakage current max.	I = 0.01CV or 3μA whichever is greater (after 1 minute)								
Capacitance tolerance	±20% at 120Hz, 20℃								
Dissipation factor max. (at 120Hz, 20℃)	WV	4	6.3	10	16	25	35	50	63
	tan δ	0.35	0.22	0.19	0.15	0.12	0.12	0.10	0.10
Low temperature characteristics (Impedance ratio at 120Hz)	WV		4	6.3	10	16	25, 35		50, 63
	Z-25℃/Z+20℃		6	4	3	2	2		2
	Z-40℃/Z+20℃		12	10	8	6	4		3
Load life (after application of the rated voltage for 1000 hours at 105℃)	Leakage current			Less than specified value					
	Capacitance change			Within ±20% of initial value					
	tan δ			Less than 200% of specified value					
Shelf life (at 105℃)	After 1000 hours no load test, leakage current, capacitance and tan δ are same as load life value.								

DRAWING

Unit : mm



ØD	4	5	6.3
P	1.5	2.0	2.5
Ød	0.45	0.5	0.5

DIMENSIONS & MAXIMUM PERMISSIBLE RIPPLE CURRENT

WV	4	6.3	10	16	25	35	50	63
0.1							4×7	2.9
0.22							4×7	4.3
0.33							4×7	5.2
0.47							4×7	6.2
0.68							4×7	7.5
1.0							4×7	9.1
2.2							4×7	14
3.3						4×7	15	5×7
4.7					4×7	18	5×7	21
6.8				4×7	19	5×7	25	5×7
10			4×7	21	4×7	24	5×7	30
22		4×7	29	5×7	36	5×7	40	6.3×7
33	4×7	28	5×7	40	6.3×7	51	6.3×7	57
47	4×7	33	5×7	47	6.3×7	60		
68	5×7	46	6.3×7	67				

Ripple current (mA rms) at 105°C, 120Hz
Case size ØD×L (mm)