

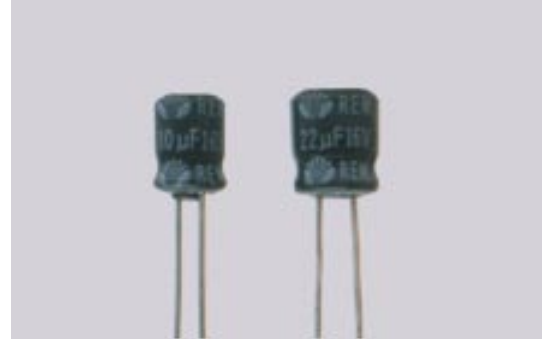
REM SERIES

ALUMINUM ELECTROLYTIC CAPACITORS

Lengths are all 5mm, Radial Leads

n Features

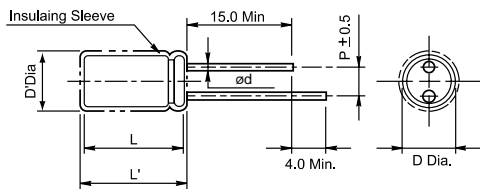
- Lengths are all 5mm, Radial
- Automatic insertion is available
- Video camera, car radio, compact radio etc.
- Load life of 1000 hours at 85°C



n Specifications

Item	Performance Characteristics							
Operating temperature range	-40°C ~ +85°C							
Rated working voltage range	4.0V ~ 50V							
Nominal capacitance range	0.1μF ~ 100μF, -20% (at 20°C, 120Hz)							
D.C Leakage current(at 20°C)	The following specifications shall be satisfied when the rated voltage is applied for the required time. $I \leq 0.01CV$ or $3\mu A$ (2 min), whichever is greater Where I =Leakage current (μA) C=Nominal capacitance (μF) V=Rated voltage (V)							
Tan δ(max., at 20°C, 120Hz)	W.V (V)	4.0	6.3	10	16	25	35	50
	Tan δ	0.35	0.25	0.20	0.17	0.15	0.12	0.10
Characteristics at low temperature(max.) (impedance ratio at 120Hz)	W.V (V)	4.0	6.3	10	16	25	35	50
	Z-25°C/Z20°C	7	5	4	3	2	2	2
Load life	After applying rated working voltage for 1000 hours at +85°C and then being stabilized at +20°C, capacitors shall meet following limits.							
	Capacitance change	Within - 25% of initial measured value						
	Tan δ	↑ 200% of initial specified value						
Shelf life	After storage for 1000 hours at +85°C with no voltage applied and then being stabilized at +20°C, capacitors shall meet following limits.							
	Capacitance change	Within - 20% of initial measured value						
	Tan δ	↑ 200% of initial specified value						
	Leakage current	↑ 175% of initial specified value						

n Case sizes and Dimensions

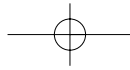


• Standard lead style

øD	3.0	4.0	5.0	6.3
P	1.0	1.5	2.0	2.5
ød	0.40		0.45	

D = [D+0.5]Max.

L = [L+1.0]Max.



REM SERIES

Dimensions & Maximum permissible ripple current [mA(rms) at 85°C, 120Hz]

W.V Cap(μF)	4.0		6.3		10		16		25		35		50		
	SIZE	I _r	SIZE	I _r	SIZE	I _r	SIZE	I _r	SIZE	I _r	SIZE	I _r	SIZE	I _r	
0.10													3x5,4x5	1	
0.15													3x5,4x5		
0.22													3x5,4x5	1.5	
0.33													3x5,4x5	2	
0.47													3x5,4x5		
0.68													3x5,4x5	2.5	
1.0													3x5,4x5		
1.5													3x5,4x5	3.5	
2.2												3x5,4x5	10	4x5	5
3.3										3x5,4x5	12	4x5	13	4x5	
4.7								3x5,4x5	14	4x5	16	4x5	18	5x5	6.5
6.8					3x5,4x5	15	4x5	18	4x5	20	5x5	22	6.3x5	9	
10			3x5,4x5	17	4x5	20	4x5	22	5x5	26	5x5	28	6.3x5	12	
15			4x5	23	4x5	25	5x5	28	6.3x5	33	6.3x5	36		16	
22	3x5,4x5	23	4x5	28	5x5	32	5x5	36	6.3x5	41	6.3x5	45		20	
33	4x5	28	5x5	36	5x5	40	6.3x5	46	6.3x5	54				26	
47	4x5	36	5x5	44	6.3x5	53	6.3x5	58							
68	5x5	45	6.3x5	54	6.3x5	65									
100	5x5	56	6.3x5	70											

n PERFORMANCE CURVES

— 16V—22 F
 - - - - - 50V—4.7 F

