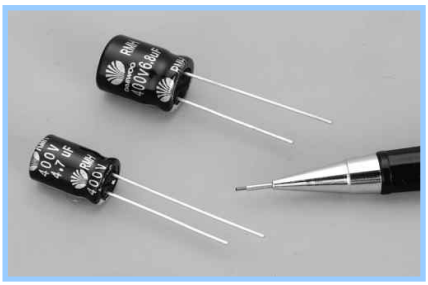
RMH SERIES

85℃, Low Z, High Ripple Radial Leads

▣ Features

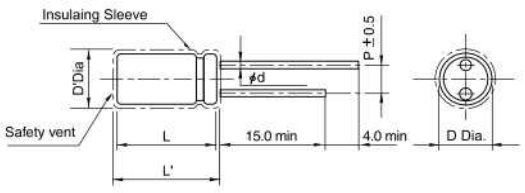
- **Low impedance, Low ESR**
- **Large permissible ripple current**
- **For Adaptor**
- **Load life of 2,000 hours at 85℃**



▣ Specifications

Item	Performance Characteristics		
Operating temperature range	350V ~ 400V : -25℃ ~ +85℃		
Rated working voltage range	350V ~ 400V		
Nominal capacitance range	4.7 μF ~ 100 μF , ±20% (at 20℃, 120Hz)		
D.C Leakage current(at 20℃)	The following specifications shall be satisfied when the rated voltage is applied for the required time.		
	I ≤ 0.02CVμA+30μA (3min)		
	Where I = Leakage current(μA)	C = Nominal capacitance(μF)	V = Rated voltage (V)
Tan δ (max., at 20℃, 120Hz)	W.V	350	400
	Tan δ	0.10	
	When capacitance is over 1,000μF, Tanδ shell be added 0.02 to the listed value with increase of every each 1,000μF.		
Characteristics at low temperature(max.) (impedance ratio at 120Hz)	W.V(V)	350	400
	Z-25℃/+20℃	6	
Load life	After applying rated working voltage for 2,000hours at +85℃ and then being stabilized at +20℃, capacitors shall meet following limits.		
	Capacitance change	Within ± 20% of the initial measured value	
	Tan δ	≤200% of the initial specified value	
	Leakage current	≤The initial specified value	
Shelf life	After storage for 1,000hours at + 85℃ with no voltage applied and then being stabilized at +20℃, capacitors shall meet following limits.		
	Capacitance change	Within ± 20% of the initial measured value	
	Tan δ	≤200% of the initial specified value	
	Leakage current	≤The initial specified value	

▣ Dimensions



・Standard lead style

ΦD	5.0	6.3	8.0	10.0	12.5	16.0	18.0
P	2.0	2.5	3.5	5.0		7.5	
Φd	0.5		0.6			0.8	

D' = [D+0.5] Max. L' = [L+1.5] Max. at D≤8.0
L' = [L+2.0] Max. at D≤10.0

▣ Ripple current coefficient

・Frequency

Cap(μF) \ Freq(Hz)	120	400	1K	10K	100K
Capacitance	1.00	1.62	1.91	2.50	2.94

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▣ Dimensions, Ripple current & Impedance

μF \ V	350	400
4.7	8 x 11 70 7.5	8 x 11 80 7.2
6.8	10 x 12.5 270 4.2	10 x 12.5 110 6.0
10	10 x 16 430 3.2	10 x 16 150 5.0
22	12.5 x 20 300 2.1	12.5 x 25 230 2.9
33	12.5 x 25 610 1.5	16 x 25 330 2.5
47	16 x 25 800 0.80	16 x 25 400 2.0
68	16 x 31.5 990 0.55	16 x 31.5 450 1.5
100	16 x 35.5 320 0.43	16 x 40 650 1.0
	Case size : ΦD x L(mm) Maximum permissible ripple current[mA(rms) at 85℃, 120㎐] Impedance(Z) [Ω max. / 20℃ , 100㎑]	