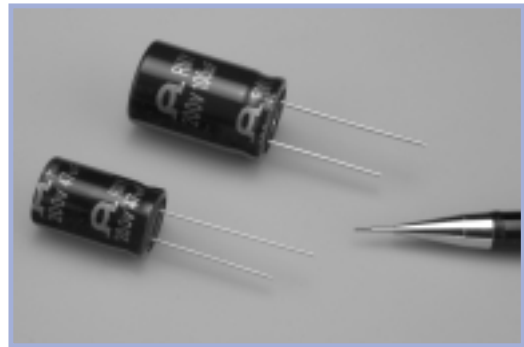


## RMY SERIES

Low Z, High Ripple, Radial Leads

### Features

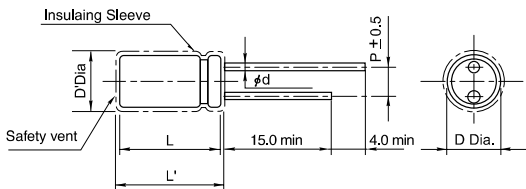
- Low impedance, High reliability
- Large permissible ripple current
- Load life of 5000 hours at 105°C
- For AC adapter, For ballasts



### Specifications

Item	Performance Characteristics						
<b>Operating temperature range</b>	+40°C ~ +105°C			+25°C ~ +105°C			
<b>Rated working voltage range</b>	160°C ~ +250°C			350°C ~ +450°C			
<b>Nominal capacitance range</b>	6.8μF ~ 330μF, -20% (at 20°C, 120Hz)						
<b>D.C Leakage current(at 20°C)</b>	The following specifications shall be satisfied when the rated voltage is applied for the required time. $I \leq 0.02CV + 15\mu A$ (5 min) Where I =Leakage current(μA) C=Nominal capacitance(μF) V=Rated voltage(V)						
<b>Tan δ (max., at 20°C, 120Hz)</b>	W.V(V)	160	200	250	350	400	450
	Tan δ	0.15	0.15	0.15	0.20	0.20	0.24
<b>Characteristics at low temperature(max.) (impedance ratio at 120Hz)</b>	W.V(V)	160	200	250	350	400	450
	Z - 25°C/+20°C	3	3	3	6	6	6
	Z - 40°C/+20°C	6	6	6	-	-	-
<b>Load life</b>	After applying rated working voltage for 5000 hours at +105°C and then being stabilized at +20°C, 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					
<b>Shelf life</b>	After storage for 1000 hours at +105°C with no voltage applied and then being stabilized at +20°C, capacitors shall meet following limits.						
	Capacitance change	Within ± 20% of the initial measured value					
	Tan δ	≤ 200% of the initial specified value					
	Leakage current	≤ 300% of the initial specified value					

### Dimensions



### Ripple current coefficient

#### • Frequency

Cap(μF) \ Freq(Hz)	120	400	1K	10K	100K
Cap ≤ 10	1.0	1.62	1.91	2.50	2.94
10 < Cap ≤ 100	1.0	1.89	1.94	2.54	2.70
100 < Cap	1.0	1.34	1.25	1.73	1.92

#### • Standard lead style

D	8.0	10.0	12.5	16.0	18.0
P	3.5	5.0		7.5	
d	0.6			0.8	

D'=[D +0.5] Max.

L' =[L+1.5] Max

#### • Temperature

Temperature Factor	≤ 70°C	85°C	105°C
	1.65	1.37	1.0

## RMY SERIES

### Standard Ratings[Dimensions, Impedance, Ripple Current]

D x L(mm)

Cap(μF) \ W.V(V)	160(2C)			200(2D)			250(2E)		
	SIZE	Z	I <sub>R</sub>	SIZE	Z	I <sub>R</sub>	SIZE	Z	I <sub>R</sub>
10							10 x 20	3.5	330
22	10 x 20	1.3	500	10 x 20	1.5	500	12.5 x 20	2.3	510
33	10 x 20	1.3	590	12.5 x 20	0.91	620	12.5 x 25	1.7	670
47	12.5 x 20	0.91	760	12.5 x 20	0.91	810	12.5 x 25	1.7	680
68	12.5 x 25	0.63	990	12.5 x 25	0.63	990	16 x 25	0.78	1040
100	16 x 25	0.43	1310	16 x 25	0.27	1330	16 x 31.5	0.63	1430
150	16 x 31.5	0.22	1350	16 x 31.5	0.25	1360	18 x 31.5	0.42	1480
220	16 x 31.5	0.22	1380	16 x 31.5	0.22	1740	18 x 40	0.35	1510
330	18 x 35.5	0.22	1740						

Cap(μF) \ W.V(V)	350(2V)			400(2G)			450(2W)		
	SIZE	Z	I <sub>R</sub>	SIZE	Z	I <sub>R</sub>	SIZE	Z	I <sub>R</sub>
10	10 x 20	2.9	220	10 x 20	2.9	220	12.5 x 20	2.5	340
22	12.5 x 20	2.1	310	12.5 x 25	1.30	310	16 x 25	1.7	610
33	16 x 20	0.91	630	16 x 25	0.91	630	16 x 31.5	1.1	650
47	16 x 25	0.73	730	16 x 31.5	0.73	730	18 x 31.5	0.93	930
68	16 x 31.5	0.49	1130	16 x 35.5	0.49	1130	18 x 35.5	0.71	1010
100	18 x 35.5	0.40	1210	18 x 40	0.34	1280			

I<sub>R</sub>: Maximum permissible ripple current[mA(rms) at 105°C,120Hz]

Z: Max. Impedance[Ω at 20°C,100KHz]

Low Z