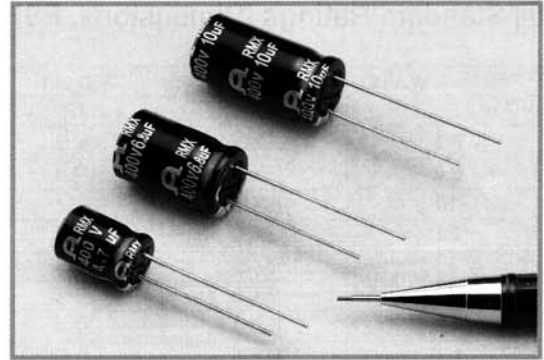


RMX SERIES

Low Z, High Ripple, Radial Leads

Features

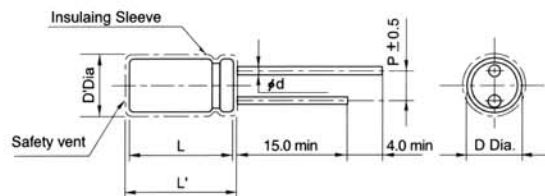
- Low ESR, Low impedance
- Large permissible ripple current
- Load life of 2000 hours at 105°C
- For AC adapter, For ballasts



Specifications

Item	Performance Characteristics							
Operating temperature range	160V ~ 250V : -40°C ~ +105°C, 350V ~ 450V : -25°C ~ +105°C							
Rated working voltage range	160V ~ 450V							
Nominal capacitance range	6.8 μ F ~ 330 μ F, \pm 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. $I \leq 0.03CV + 30\mu A$ (5 min) Where I =Leakage current(μ A) C=Nominal capacitance(μ F) V=Rated voltage(V)							
Tan δ (max., at 20°C, 120Hz)	W.V(V)	160	200	250	350	400	450	
	Tan δ	0.15	0.15	0.15	0.20	0.20	0.24	
Characteristics at low temperature(max.) (impedance ratio at 120Hz)	W.V(V)	160	200	250	350	400	450	
	Z-25°C/Z20°C	3	3	3	6	6	6	
	Z-40°C/Z20°C	6	6	6	-	-	-	
Load life	After applying rated working voltage for 2000 hours at +105°C and then being stabilized at +20°C, capacitors shall meet following limits.							
	Capacitance change	Within \pm 20% of the initial measured value						
	Tan δ	\leq 200% of the initial specified value						
	Leakage current	\leq The initial specified value						
Shelf life	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 \pm 20% of the initial measured value						
	Tan δ	\leq 150% of the initial specified value						
	Leakage current	\leq 200% of the initial specified value						

Dimensions



Standard lead style

ϕ D	10.0	12.5	16.0	18.0
P	5.0		7.5	
ϕ d	0.6		0.8	

D'=[D + 0.5] Max.

L' = [L + 1.5]Max.

Ripple current coefficient

Frequency

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

Temperature

Temperature	\leq 70°C	85°C	105°C
Factor	1.65	1.37	1.0



RMX SERIES

Standard Ratings [Dimensions, Impedance, Ripple Current]

 ϕ D x L(mm)

Cap(μ F)	W.V(V)	160(2C)			200(2D)			250(2E)		
		SIZE	Z	I _r	SIZE	Z	I _r	SIZE	Z	I _r
10								10 x 20	2.8	110
22		10 x 20	1.5	170	10 x 20	1.5	170	12.5 x 20	1.4	180
33		10 x 20	1.5	215	12.5 x 20	0.91	235	12.5 x 25	0.90	245
47		12.5 x 20	0.95	270	12.5 x 20	0.91	280	12.5 x 25	0.90	295
68		12.5 x 25	0.68	340	12.5 x 25	0.65	355	16 x 25	0.30	390
100		16 x 25	0.29	480	16 x 25	0.27	490	16 x 31.5	0.27	510
150		16 x 31.5	0.25	635	16 x 35.5	0.27	640	18 x 31.5	0.25	650
220		16 x 35.5	0.25	720	18 x 31.5	0.23	760	18 x 40	0.23	830
330		18 x 40	0.25	950						

Cap(μ F)	W.V(V)	350(2V)			400(2G)			450(2W)		
		SIZE	Z	I _r	SIZE	Z	I _r	SIZE	Z	I _r
6.8								10 x 20	6.0	78
10		10 x 20	3.0	120	10 x 20	3.0	120	12.5 x 20	2.8	120
22		12.5 x 20	2.1	190	12.5 x 25	1.4	210	12.5 x 25	1.8	230
33		12.5 x 25	1.0	280	12.5 x 25	1.0	280	16 x 25	1.2	300
47		16 x 25	0.75	335	16 x 25	0.75	380	16 x 31.5	0.95	342
68		16 x 31.5	0.55	370	16 x 31.5	0.50	430	18 x 35.5	0.73	363
100		18 x 31.5	0.43	520	18 x 40	0.35	560			

 I_r: Maximum permissible ripple current[mA(rms) at 105°C,120Hz]

 Z: Max. Impedance[Ω at 20°C,100KHz]

Low Z