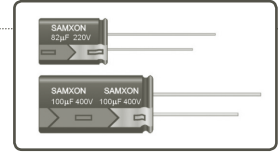


FEATURES

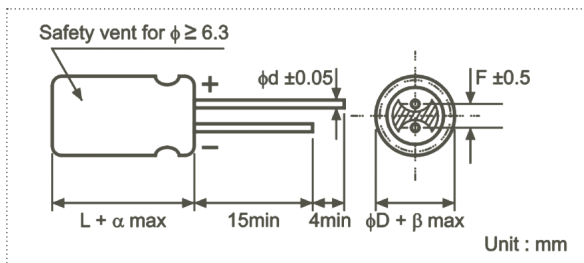
- Doesn't spark with DC over voltage.
- Load life: 2,000 hours at 105°C.



SPECIFICATIONS

Item	Performance Characteristics		
Operating Temperature Range	-25 to +105°C		
Rated Working Voltage Range	200 & 400V		
Nominal Capacitance Range	22 to 330μF		
Capacitance Tolerance	±20% at 120Hz, +20°C		
Leakage Current	I ≤ 0.03CV + 40 (μA) after 2 minutes application of rated working voltage at +20°C		
tan δ (120Hz, +20°C)	Working Voltage (V)	200	400
	tan δ (max.)	0.20	0.24
Low Temperature Characteristics	Impedance ratio max. at 120Hz		
	Rated Voltage (V)	200	400
High Temperature Loading	Z-25°C / Z+20°C	3	6
	Test time : 2,000 hours	Post test requirements at +20°C	
Shelf Life	Test temperature : +105°C	Leakage current : ≤ Initial specified value	
	Test conditions : Rated DC working voltage with rated ripple current	Cap. change : within ±20% of the initial measured value tan δ : ≤ 200% of the initial specified value	
Industrial Standard	At +105°C no voltage applied after 1,000 hours and then being stabilized at +20°C the capacitors shall meet the following limits		
	Leakage current : ≤ Initial specified value	Cap. change : within ±20% of the initial measured value tan δ : ≤ 200% of the initial specified value	

CASE SIZE TABLE



φD	16	18
F	7.5	7.5
φd	0.8	0.8
α	(L < 20) 1.5	(L ≥ 20) 2.0
β	(D < 20) 0.5	(D ≥ 20) 1.0

RIPPLE CURRENT MULTIPLIER

Frequency Coefficient

Coefficient	50	120	300	1k	10k~
Cap (μF)					
22~220	0.80	1.00	1.25	1.40	1.60
270~330	0.90	1.00	1.10	1.13	1.15

PART NUMBER SYSTEM (EXAMPLE : 200V 100μF)

1	2 3	4 5 6	7	8 9	10	11 12	13 14
E	OM	107	M	2D	K	25	RR

Type (Radial Bulk)
 Case Length (25mm)
 Diameter (16mm)
 Voltage (200V)
 Tolerance (±20%)
 Capacitance (100μF)
 Series
 E-CAP

STANDARD RATINGS

Voltage (Code)		200V (2D)		400V (2G)	
Cap. (µF)	Code	Case Size	Ripple Current	Case Size	Ripple Current
22	226			16 x 20	145
33	336			16 x 25	220
				18 x 20	225
39	396			16 x 30	245
				18 x 25	250
47	476			16 x 30	275
				18 x 25	280
56	566			16 x 40	350
				18 x 30	315
68	686			18 x 35	350
82	826	16 x 20	230	18 x 40	395
		16 x 25	425		
100	107	18 x 20	250	18 x 40	450
		16 x 30	500		
120	127	18 x 25	475		
		16 x 30	560		
150	157	18 x 25	530		
		16 x 40	645		
180	187	18 x 30	630		
			725		
220	227	18 x 35	725		
270	277	18 x 45	830		
330	337	18 x 45	920		

Maximum Allowable Ripple Current (mA_{rms}) at 105°C 120Hz

Case Size Φ D x L (mm)

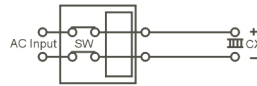
DC OVERVOLTAGE TEST CONDITIONS

They vent will operate and the capacitor shall become an open circuit without buming materials when the following excess DC voltage is applied.

● Test DC voltage

Rated voltage	Current limit	Test DC voltage
200Vdc	4A	300 / 375Vdc
400Vdc	2A	500 / 600Vdc

● Test circuit



Constant DC voltage / current power supply

Specifications are subject to change without notice. Should a safety or technical concern arise regarding the product, please be sure to contact our sales offices or agents immediately.