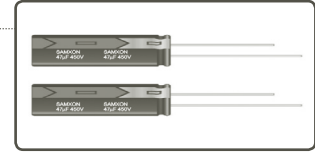


FEATURES

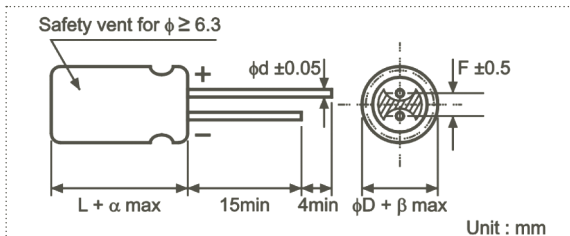
- 105°C high temperature and high voltage, load life : 2,000 hours.
- For slim size adaptor, LCD / LED-TV and LCD-Monitor power.



SPECIFICATIONS

Item	Performance Characteristics							
Operating Temperature Range	-25 to +105°C							
Rated Working Voltage Range	200 to 450V							
Nominal Capacitance Range	22 to 270μF							
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	220	250	400	420	450	
	tan δ (max.)	0.20	0.20	0.20	0.24	0.24	0.24	
Low Temperature Characteristics	Impedance ratio max. at 120Hz							
	Rated Voltage (V) Z-25°C / Z+20°C	200	220	250	400	420	450	
High Temperature Loading	Test time	: 2,000 hours					Post test requirements at +20°C	
	Test temperature	: +105°C					Leakage current : ≤ Initial specified value	
Shelf Life	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	JIS C - 5101-4 (IEC 60384-4)							

CASE SIZE TABLE



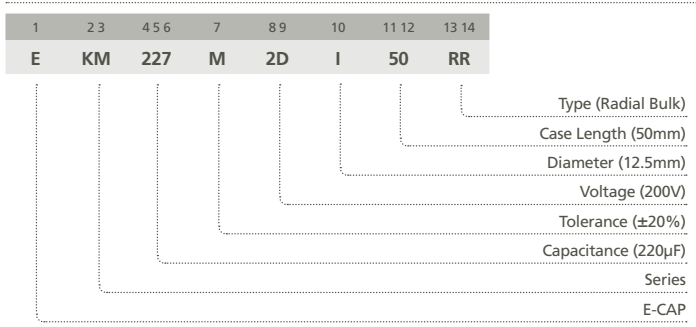
φD	10	12.5
F	5.0	5.0
φd	0.6	0.6
α	2.0	
β	1.0	

RIPPLE CURRENT MULTIPLIER

Frequency Coefficient

Coefficient	Rated Voltage	50	120	300	1k	10k~
Freq. (Hz)	200-450V	0.80	1.00	1.25	1.40	1.60

PART NUMBER SYSTEM (EXAMPLE : 200V 220μF)



KM

Miniature Aluminum Electrolytic Capacitors

STANDARD RATINGS

Voltage (Code)		200V (2D)		220V (2N)		250V (2E)	
Cap. (μF)	Code	Case Size	Ripple Current	Case Size	Ripple Current	Case Size	Ripple Current
82	826					10 x 45	390
100	107	10 x 40	410	10 x 45	420	10 x 50	430
						12.5 x 35	440
120	127	10 x 45	425	10 x 50	480	12.5 x 40	505
						10 x 55	500
150	157	12.5 x 35	495	12.5 x 40	550	12.5 x 45	585
						12.5 x 50	625
180	187	12.5 x 40	560	12.5 x 45	630	12.5 x 55	625
220	227	12.5 x 50	640	12.5 x 55	690		
270	277	12.5 x 60	695				

Maximum Allowable Ripple Current (mArms) at 105°C 120Hz

Case Size ΦD x L (mm)

Voltage (Code)		400V (2G)		420V (2M)		450V (2W)	
Cap. (μF)	Code	Case Size	Ripple Current	Case Size	Ripple Current	Case Size	Ripple Current
22	226					10 x 35	135
27	276					10 x 40	165
33	336	10 x 40	245	10 x 40	215	10 x 45	200
39	396	10 x 45	320	10 x 45	245	10 x 50	245
						12.5 x 35	255
47	476	10 x 50	360	10 x 55	295	10 x 60	300
		12.5 x 35	350	12.5 x 35	285	12.5 x 40	305
56	566	10 x 60	415	12.5 x 40	345	12.5 x 45	350
		12.5 x 40	400				
68	686	12.5 x 45	465	12.5 x 50	400	12.5 x 50	390
82	826	12.5 x 55	500	12.5 x 55	455	12.5 x 60	440
100	107	12.5 x 60	520				

Maximum Allowable Ripple Current (mArms) at 105°C 120Hz

Case Size ΦD x L (mm)

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.