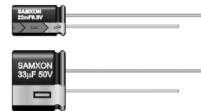


SS Series**SAMXON®****7(9)mmL(高), High C/V(高C/V化)****FEATURES**

1. The SS series is employing etched foils for higher gain effect.
2. Designed for use in VTRs, car radios, car stereos, micro-cassette tape recorders, pocket calculators and watches.

**SPECIFICATIONS**

Item	Performance Characteristics						
Operating Temperature Range	-40 to +85°C						
Rated Working Voltage Range	6.3 to 50V						
Nominal Capacitance Range	0.1 to 470μF						
Capacitance Tolerance	±20% (120Hz, +20°C) whichever is greater measured after 2 minutes application of rated working voltage at +20°C						
Leakage Current	I ≤ 0.01CV or 3(μA)						
tan δ (120Hz, +20°C)	Working Voltage (V)	6.3	10	16	25	35	50
	tan δ (max.)	0.24	0.20	0.16	0.14	0.12	0.10
Low Temperature Characteristics	Impedance ratio max. at 120Hz						
	Working Voltage (V)	6.3	10	16	25	35	50
	Z-25°C / Z+20°C	4	3	2	2	2	2
	Z-40°C / Z+20°C	8	6	4	4	3	3
High Temperature Loading	Test conditions Duration : 2000 hours Ambient temp. : +85°C Applied voltage : Rated DC working voltage with rated ripple current				Post test requirements at +20°C Leakage current : ≤ Initial specified value Cap. change : within ±20% of initial measured value tan δ : ≤ 200% of initial specified value		
Shelf Life	Test conditions Duration : 1000 hours Ambient temp. : +85°C Applied voltage : (None)				Post test requirements at +20°C Same limits for high temperature loading.		
Others	JIS C - 5101 (IEC 60384)						

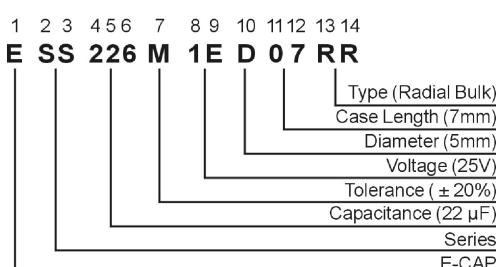
CASE SIZE TABLE

φD	4	5	6.3	8(L=7)	8(L=9)			
F	1.5	2.0	2.5	3.5	3.5			
φd		0.45		0.45	0.50			
α	(L≤7) 1		(L≥9) 1.5					

Unit : mm

RIPPLE CURRENT MULTIPLIER

Frequency Coefficient		50	120	300	1k	10k~
Cap(μF)	Coefficient					
≤ 47		0.75	1.00	1.35	1.57	2.00
68~470		0.80	1.00	1.23	1.34	1.50

PART NUMBER SYSTEM(EXAMPLE:25V22 μF)

SS Series**SAMXON®****7(9)mmL(高), High C/V(高C/V化)****STANDARD RATINGS**

Voltage (Code)		6.3V (0J)		10V (1A)		16V (1C)		25V (1E)	
Cap.(μ F)	Code	Case Size	Ripple Current	Case Size	Ripple Current	Case Size	Ripple Current	Case Size	Ripple Current
0.1	104								
0.22	224								
0.33	334								
0.47	474								
1	105								
2.2	225								
3.3	335								
4.7	475								
10	106					4 x 7	28	4 x 7	28
22	226	4 x 7	34	4 x 7	35	4 x 7	39	4 x 7	42
33	336	4 x 7	40	4 x 7	43	(4) 5 x 7	(45) 59	5 x 7	58
47	476	4 x 7	48	(4) 5 x 7	(45) 59	5 x 7	65	6.3 x 7	71
100	107	5 x 7	78	(5) 6.3 x 7	(74) 87	6.3 x 7	98	8 x 7 (9)	115 (130)
220	227	6.3 x 7	120	(6.3) 8 x 7	(138) 145	8 x 9	186		
330	337	8 x 7 (9)	180 (204)	8 x 7	201				
470	477	8 x 7 (9)	215 (243)						

Maximum Allowable Ripple Current (mA rms) at 85°C 120Hz

Case Size ϕ D x L(mm)

Voltage (Code)		35V (1V)		50V (1H)					
Cap.(μ F)	Code	Case Size	Ripple Current	Case Size	Ripple Current				
0.1	104			4 x 7	1.0				
0.22	224			4 x 7	2.3				
0.33	334			4 x 7	3.5				
0.47	474			4 x 7	5.0				
1	105			4 x 7	10				
2.2	225			4 x 7	19				
3.3	335			4 x 7	24				
4.7	475	4 x 7	24	4 x 7	28				
10	106	4 x 7	31	5 x 7	38				
22	226	5 x 7	52	6.3 x 7	58				
33	336	6.3 x 7	65	8 x 7 (9)	75 (85)				
47	476	6.3 x 7	74	8 x 9	101				
100	107	8 x 9	141						

Maximum Allowable Ripple Current (mA rms) at 85°C 120Hz

Case Size ϕ D x L(mm)