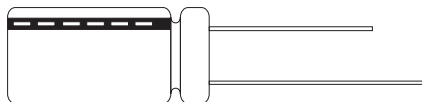


FEATURES

- 105°C, 1000 hours assured.
- Standard micro miniature size with 5mm height.



SPECIFICATIONS

Item	Performance										
Operating Temperature Range	-40° ~ + 105°C										
Capacitance Tolerance	± 20% (120Hz, 20°C)										
Leakage Current (at 20°C)	I = 0.01CV or 0.3 (μA) whichever is greater (after 2 minutes) Where, C = rated capacitance in μF. V=rated DC working voltage in V.										
Dissipation Factor Tan δ at 120 Hz, 20°C	Rated Voltage	4	6.3	10	16	25	35	50			
	Tan δ (max)	0.35	0.25	0.20	0.17	0.15	0.13	0.10			
Low Temperature Characteristics (at 120Hz)	Rated Voltage			4	6.3	10	16	25	35	50	Impedance ratio shall not exceed the values given in the table.
	Impedance Ratio	Z(-25°C)/Z(+20°C)		7	6	4	3	2	2	2	
		Z(-40°C)/Z(+20°C)		15	12	8	6	4	4	4	
Load Life Test	Test Time	1000 Hrs									
	Capacitance Change	4 ~ 6.3V		≤ ± 30%							
		10 ~ 50V		≤ ± 250%							
	Dissipation Factor	Less than 200% of specific value									
Leakage Current	Within specified values										
Shelf Life Test	Test Time	1000 Hrs									
	Capacitance Change	4 ~ 6.3V		≤ ± 30%							
		10 ~ 50V		≤ ± 30%							
	Dissipation Factor	Less than 200% of specific value									
Leakage Current	Within specified values										
Ripple Current & Frequency Multipliers	Freq. (Hz) Cap. (F)	60 (50)	120	500	1K	10K up					
		Under 33	0.75	1.00	1.15	1.34	1.50				
	47 to 220	0.80	1.00	1.08	1.20	1.30					
Ripple Current & Temperature Multipliers	Temperature (°C) Multipliers	Under 70	85	100							
		1.65	1.27	1.00							
Standards	Satisfies Characteristic W of JIS C 5141										

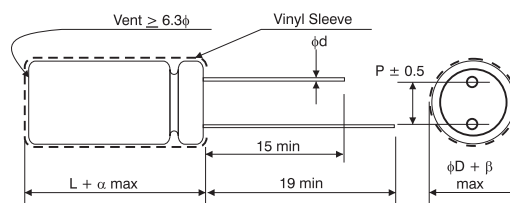
DIMENSIONS & PERMISSIBLE RIPPLE CURRENT

Dimension: φD×L(mm); Ripple Current: mA/RMS at 120Hz 105°C

F	Code	4V (0G)		6.3V (0J)		10V (1A)		16V (1C)		25V (1E)		35V (1V)		50V (1H)	
		D x L	mA	D x L	mA	D x L	mA	D x L	mA	D x L	mA	D x L	mA	D x L	mA
0.10	0R1													4 x 5	1
0.22	R22													4 x 5	2
0.33	R33													4 x 5	2.8
0.47	R47													4 x 5	4
1	010													4 x 5	7
2.2	2R2											4 x 5	8.7	4 x 5	10
3.3	3R3									4 x 5	11	4 x 5	12	4 x 5	13
4.7	4R7							4 x 5	14	4 x 5	15	4 x 5	17	5 x 5	20
10	100					4 x 5	14	4 x 5	23	5 x 5	27	5 x 5	27	6.3 x 5	31
22	220			4 x 5	21	5 x 5	27	5 x 5	30	6.3 x 5	42	6.3 x 5	46	6.3 x 5	46
33	330	4 x 5	27	5 x 5	30	5 x 5	34	6.3 x 5	40	6.3 x 5	52	6.3 x 5	52		
47	470	4 x 5	34	5 x 5	36	6.3 x 5	43	6.3 x 5	48	6.3 x 5	58				
100	101	5 x 5	50	6.3 x 5	56	6.3 x 5	70								
220	221	6.3 x 5	74												

LEAD SPACING AND DIAMETER

φ D	3	4	5	6.3
P	1.0	1.5	2.0	2.5
φ d	0.4	0.45		
α	1.0			
β	0.50			



PART NUMBER EXAMPLE SSG 0R1 M 1H SA 040 050