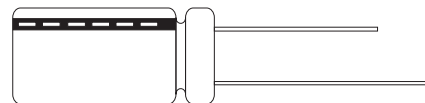


FEATURES

- 85°C, 1000 hours assured, 5mm height with low leakage.
- Use in very compact high temperature industrial equipment.

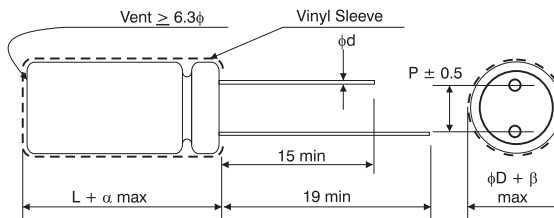


SPECIFICATIONS

Item	Performance										
Operating Temperature Range	-40° ~ + 85°C										
Capacitance Tolerance	± 20% (120Hz, 20°C)										
Leakage Current (at 20°C)	I = 0.002CV or 0.4 (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	0.27	0.23	0.19	0.15	0.13	0.11			
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)	6	3	2	2	2	2	2		
		Z(-40°C) / Z(+20°C)	12	9	7	5	3	3	3		
Load Life Test	Test Time	1000 Hrs									
	Capacitance Change	4 ~ 6.3V	≤ ± 30%								
		10 ~ 50V	≤ ± 25%								
	Dissipation Factor	Less than 200% of specific value									
Leakage Current	Within specified values										
Shelf Life Test	Test Time	500 Hrs									
	Capacitance Change	4 ~ 6.3V	≤ ± 30%								
		10 ~ 50V	≤ ± 25%								
	Dissipation Factor	Less than 200% of specific value									
Leakage Current	Within specified values										
Standards	Satisfies Characteristic W of JIS C 5141										

LEAD SPACING AND DIAMETER

φ D	4	5	6.3
P	1.5	2.0	2.5
φ d	0.45		
α	1.0		
β	0.5		



DIMENSIONS & PERMISSIBLE RIPPLE CURRENT

F	VDC 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	3
0.47	R47													4 x 5	3.8
1	010													4 x 5	6.9
2.2	2R2													4 x 5	10
3.3	3R3													4 x 5	13
4.7	4R7									4 x 5	14	4 x 5	16	5 x 5	19
10	100						4 x 5	19	5 x 5	23	5 x 5	24	6.3 x 5	32	
22	220			4 x 5	22	5 x 5	24	5 x 5	28	6.3 x 5	38	6.3 x 5	42		
33	330	5 x 5	27	5 x 5	28	5 x 5	30	6.3 x 5	41	6.3 x 5	46				
47	470	5 x 5	32	5 x 5	34	6.3 x 5	43	6.3 x 5	50						
100	101	6.3 x 5	54	6.3 x 5	60										

PART NUMBER EXAMPLE

SSL 0R1 M 1H SA 040 050