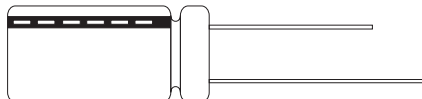


### FEATURES

- 85°C, 1000 hours assured.
- Standard micro miniature size with 5mm height.



### SPECIFICATIONS

Item	Performance									
Operating Temperature Range	~40°C ~+85°C									
Capacitance Tolerance	±20% (120Hz, 20°C)									
Leakage Current (at 20°C)	I = 0.01CV or 3 (µA) whichever is greater (after 2 minutes) Where, C = rated capacitance in µF, V = rated DC working voltage in V.									
Dissipation Factor Tan at 120Hz, 20°C)	Rated Voltage	4	6.3	10	16	25	35	50		
	Tan (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 this table.	
	Impedance Ratio	7	6	4	3	2	2	2		
		15	12	8	6	4	4	4		
Load Life Test at 20°C (after rated voltage is applied at 85°C for 2000/3000 hours)	Test Time	1000 hours						Shelf Life Test at 20°C after exposure to 85 for 1000 hours with no voltage	Test Time	1000 hours
	Capacitance Change	Within ±20% of initial value							Capacitance Change	Within ±20% of initial value
	Dissipation Factor	Less than 200% of specified value							Dissipation Factor	Less than 200% of specified value
	Leakage Current	Within specified value							Leakage Current	Within specified value
Ripple Current & Frequency Multipliers	Cap.(F) \ Freq.(Hz)	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)	Under 50	70	85						
	Multipliers	1.27	1.27	1.00						
Standards	Satisfies Characteristic W of JIS C 5141									

### DIMENSIONS & PERMISSIBLE RIPPLE CURRENT

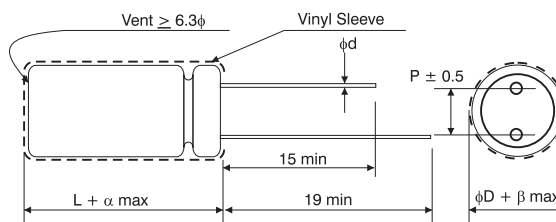
Dimension: D×L(mm); Ripple Current: mA/RMS at 120Hz 85°C

VDC	F Code	4V(0G)		6.3V(0J)		10V(1A)		16V(1C)		25V(1E)		35V(1V)		50V(1H)	
		DxL	mA	DxL	mA	DxL	mA	DxL	mA	DxL	mA	DxL	mA	DxL	mA
0.1	0R1													4 x 5	1
														3 x 5	1
0.22	R22													4 x 5	2
														3 x 5	2
0.33	R33													4 x 5	3
														3 x 5	2.8
0.47	R47													4 x 5	5
														3 x 5	4
1	010													4 x 5	8.7
														3 x 5	7
2.2	2R2										4 x 5	8.7	4 x 5	10	
											3 x 5	7			
3.3	3R3									4 x 5	11	4 x 5	12	4 x 5	13
										3 x 5	10				
4.7	4R7							4 x 5	14	4 x 5	14	4 x 5	17	4 x 5	20
								3 x 5	11						
10	100					4 x 5	17	4 x 5	23	5 x 5	27	5 x 5	27	6.3 x 5	31
						3 x 5	13								
22	220			4 x 5	22	5 x 4	30	5 x 5	35	6.3 x 5	42	6.3 x 5	46	6.3 x 5	46
33	330	4 x 5	27	4 x 5	34	5 x 5	41	5 x 5	49	6.3 x 5	52	6.3 x 5	52	8 x 5	66
47	470	4 x 5	34	5 x 5	37	6.3 x 5	50	6.3 x 5	58	6.3 x 5	58	8 x 5	72		
100	101	5 x 5	55	6.3 x 5	62	6.3 x 5	70	8 x 5	99	8 x 5	99				
220	221	6.3 x 5	74	8 x 5	104	8 x 5	120								

Note: 3mm diameter can has flat (non vented) rubber bung. Other unites have raised (vented) rubber bung.

### LEAD SPACING AND DIAMETER

D	3	4	5	6.3	8
P	1.0	1.5	2.0	2.5	
d	0.4	0.45			
	1.0				
	0.5				



### PART NUMBER EXAMPLE

SS 0R1 M 1H SA 040 050