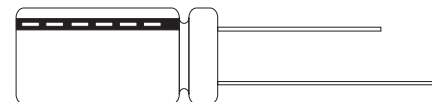


### FEATURES

- 85°C, 1000 hours assured.
- 5 mm height.
- Suitable for use in circuits which have a reversed or unknown polarity.



### SPECIFICATIONS

Item	Performance													
Operating Temperature	-40° ~ +85°C													
Capacitance Tolerance	± 20% (120Hz, 20°C)													
Leakage Current (at 20°C)	I=0.05CV or 10 (μA) whichever is greater (after 2 minutes) Where C= rated capacitance in μF, V = rated DC workint 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	0.24	0.20	0.17	0.17	0.15	0.15						
Low Temperature Characteristics (at 120Hz)	Impedance ratio shall not exceed the values given in the table below.													
	Rated Voltage			4	6.3	10	16	25	35	50				
	Impedance Ratio	Z(-25°C)/Z(+20°C)			7	4	3	2	2	2				
Z(-40°C)/Z(+20°C)			15	10	8	6	4	3	3					
Load Life Test at 20°C after rated voltage is applied for 1000 hours at 85°C	Test Time		1000 Hrs			Shelf Life Test at 20°C rated voltage applied for 500 hrs without voltage applied.			Test Time		500 Hrs			
	Capacitance	4 ~ 6.3V		≤ ± 30%					Capacitance	4 ~ 6.3V		≤ ± 30%		
		Change		10 ~ 50V						Change		10 ~ 50V		≤ ± 25%
	Dissipation Factor		Less than 200% of specified value.						Dissipation Factor		Less than 200% of specified value			
	Leakage Current		Within specified value						Leakage Current		Less than 200% of specified value			
Standards	Satisfies Characteristic W of JIS C 5141													

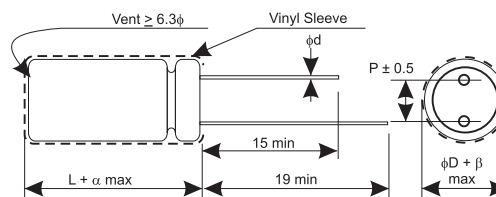
### DIMENSIONS & PERMISSABLE RIPPLE CURRENT

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

μF	VDC Contents	4V(OG)		6.3V(OJ)		10V(1A)		16V(1C)		25V(1E)		35V(1V)		50V(1H)	
		ϕ DXL	mA	ϕ DXL	mA	ϕ DXL	mA	ϕ DXL	mA	ϕ DXL	mA	ϕ DXL	mA	ϕ DXL	mA
0.1	0R1													4 x 5	1.9
0.22	R22													4 x 5	2.9
0.33	R33													4 x 5	3.5
0.47	R47													4 x 5	4.2
1	10											4 x 5	5.5	4 x 5	6.1
2.2	2R2									4 x 5	8	4 x 5	9.1	5 x 5	10
3.3	3R3							4 x 5	9	4 x 5	10	5 x 5	12	5 x 5	13
4.7	4R7					4 x 5	11	4 x 5	12	5 x 5	14	5 x 5	15	6.3 x 5	16
10	100	4 x 5	19	4 x 5	15	5 x 5	19	5 x 5	21	6.3 x 5	22	6.3 x 5	24		
22	220	5 x 5	23	5 x 5	26	6.3 x 5	31	6.3 x 5	33						
33	330	6.3 x 5	30	6.3 x 5	36	6.3 x 5	38								
47	470	6.3 x 5	36	6.3 x 5	41										

### LEAD SPACING AND DIAMETER

ϕD	4	5	6.3
P	1.5	2.0	2.5
ϕd	0.45		
α	1.0		
β	0.5		



### PART NUMBER EXAMPLE

SSN 010 M 1H BK 040 050