SLA Series

Features
- 85℃, 7mm height, low leakage current
- RoHS Compliance

Sleeve & Marking Color: Orange & Black

Specifications

Items	Performance
Category Temperature Range	-40℃ ~ +85℃
Capacitance Tolerance	±20% (at 120Hz, 20℃)
Leakage Current (at 20℃)	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
Tanδ (at 120Hz, 20℃)	

Rated Voltage	4	6.3	10	16	25	35	50	63
Tanδ (max)	0.35	0.23	0.21	0.16	0.14	0.12	0.10	0.10

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	63
Impedance Ratio	Z(-25℃)/Z(+20℃)	6	4	3	3	2	2	2	2
	Z(-40℃)/Z(+20℃)	12	10	8	6	5	4	4	4

Endurance

Test Time	2,000 Hrs
Capacitance Change	Within ±20% of initial value
Tanδ	Less than 200% of specified value
Leakage Current	Within specified value

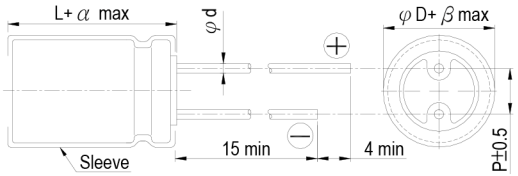
* The above Specifications shall be satisfied when the capacitors are restored to 20℃ after the rated voltage applied with rated ripple current for 2,000 hours at 85℃.

Shelf Life Test: Test time: 500 hours; other items are the same as those for the Endurance.

Ripple Current & Frequency Multipliers

Cap.(μF) \ Freq.(Hz)	60 (50)	120	500	1k	10k up
Under 47	0.70	1.00	1.20	1.30	1.45
100	0.80	1.00	1.10	1.15	1.20

Diagram of Dimensions



Lead Spacing and Diameter

Unit: mm

ϕD	4	5	6.3	8
P	1.5	2.0	2.5	3.5
ϕd	0.45	0.5		
α	1.0			
β	0.5			

Dimension & Permissible Ripple Current

Dimension: ϕD × L(mm)
Ripple Current: mA/rms at 120 Hz, 85°C

V. DC / μF	Contents	4V (0G)		6.3V (0J)		10V (1A)		16V (1C)		25V (1E)		35V (1V)		50V (1H)		63V (1J)	
		ϕD×L	mA	ϕD×L	mA	ϕD×L	mA	ϕD×L	mA	ϕD×L	mA	ϕD×L	mA	ϕD×L	mA	ϕD×L	mA
1	010													4×7	10	4×7	10
2.2	2R2													4×7	16	5×7	19
3.3	3R3											4×7	18	4×7	20	6.3×7	29
4.7	4R7									4×7	19	5×7	21	5×7	24	6.3×7	36
10	100							4×7	27	5×7	29	6.3×7	36	6.3×7	40		
22	220					4×7	36	4×7	40	6.3×7	47	6.3×7	53				
33	330	4×7	33	4×7	41	5×7	44	5×7	55	6.3×7	63	8×7	71				
47	470	4×7	39	5×7	49	6.3×7	54	6.3×7	62	8×7	74						
100	101	6.3×7	59	6.3×7	75	8×7	90	8×7	110								

Part Numbering System

SLA series	100μF	±20%	6.3V	Bulk Package	Gas Type	6.3ϕ×7L	Pb-free and PET coating case
SLA	**101**	**M**	**0J**	**BK**	**-**	**0607**	
Series	Capacitance	Capacitance Tolerance	Rated Voltage	Lead Configuration & Package	Rubber Type	Case Size	Lead Wire and Coating Type

Note: For more details, please refer to “Part Numbering System (Radial Type)” on page 10.

All product specifications in the catalog are subject to change without notice. (CAT. 2014E1)