

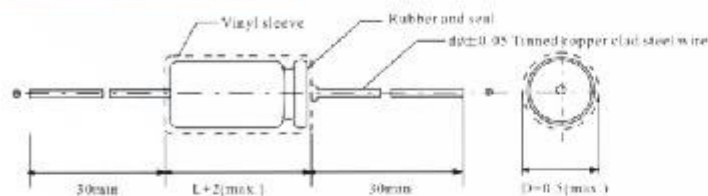
SA SERIES

FOR GENERAL USE

FEATURES

- Load life of 2000 hours at 85°C
- High value of CV range
- Standard series for general purpose

DIMENSIONS



D	6	8	10	13	16	18	20
d	0.6						0.8



SPECIFICATION

Item	Characteristic	
Operation Temperature	-40 ~ +85°C	-25 ~ +85°C
Rated Working Voltage Range	6.3 ~ 100V DC	160 ~ 450V DC
Capacitance Tolerance (120Hz, 25°C)	±20%(M)	
Leakage Current (25°C)	6.3 ~ 100V DC	160 ~ 450V DC
	$I \leq 0.01CV$ or $3 (\mu A)$	
	I: Leakage Current (μA) C: Rated Capacitance (μF) V: Working Voltage (V)	
	(After 2 minutes applying the DC working voltage)	(After 5 minutes applying the DC worki
Surge Voltage (25°C)	W.V.	6.3 10 16 25 35 40 50 63 100 160 200 250 350
	S.V.	8 13 20 32 44 50 63 79 125 200 250 300 400
Dissipation Factor (120Hz, 25°C) ($\tan \delta$)	W.V.	6.3 10 16 25 35 40 50 63 100 160 200 250 350
	$\tan \delta$	0.25 0.20 0.17 0.15 0.12 0.12 0.10 0.10 0.10 0.15 0.15 0.15 0.20
	For capacitance exceeding 1000 μF , add 0.02 per increment of 1000 μF	
Temperature Characteristics	W.V.	6.3 10 16 25 35 40 50 63 100 160 200 250 350
	-25°C/+25°C	4 4 3 3 2 2 2 2 2 8 8 8 12
	-40°C/+25°C	10 8 6 4 3 3 3 3 3 - - - -
	Impedance ratio at 120Hz	
Load Test	After 2000 hours application of W.V. at +85°C, the capacitor shall meet the following	
	Capacitance Change	$\leq \pm 20\%$ of initial Value
	$\tan \delta$	$\leq 150\%$ of initial specified value
Shelf Test	After 1000 hours, no voltage applied at +85°C, the capacitor shall meet the followi	
	Capacitance Change	$\leq \pm 20\%$ of initial Value
	$\tan \delta$	$\leq 150\%$ of initial specified value
	Leakage Current	$\leq 200\%$ of initial specified value