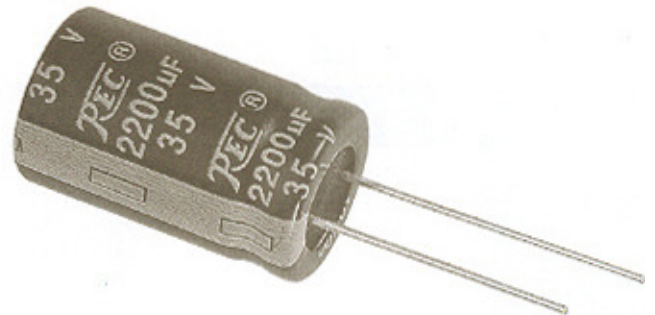


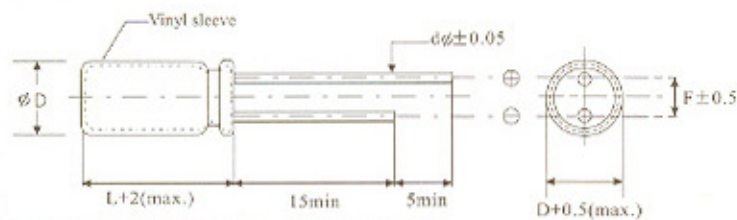
# SR SERIES

## FEATURES

- Load life of 2000 hours at 85°C.
- High value of CV range.
- Standard series for general purpose.
- Applications for TV, Video, audio, office, home appliance etc.



## DIMENSIONS



	m/m									
D	5	6.3	8	10	13	16	18	20	22	25
F	2.0	2.5	3.5	5.0		7.5		10.5		12.5
d	0.5		0.6			0.8			1.0	

## SPECIFICATIONS

Item	Characteristics															
Operation Temperature	-40 ~ +85°C								-25 ~ +85°C							
Rated Working Voltage Range	6.3 ~ 100VDC								160 ~ 450VDC							
Capacitance Tolerance (120Hz, 25°C)	±20%(M)															
Leakage Current (25°C)	6.3 ~ 100VDC								160 ~ 450VDC							
	I ≤ 0.01CV or 3 (μA)								I ≤ 0.03CV + 10 (μA)							
	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 working voltage)							
Surge Voltage (25°C)	WV	6.3	10	16	25	35	40	50	63	100	160	200	250	350	400	450
	SV	8	13	20	32	44	50	63	79	125	200	250	300	400	450	500
Dissipation Factor (120Hz, 25°C) (tan δ)	WV	6.3	10	16	25	35	40	50	63	100	160	200	250	350	400	450
	tan δ	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	0.20	0.20
	For capacitance exceeding 1000 μF, add 0.02 per increment of 1000 μF															
Temperature Characteristics	WV	6.3	10	16	25	35	40	50	63	100	160	200	250	350	400	450
	-25°C/+25°C	4	4	3	3	2	2	2	2	2	3	3	3	6	6	6
	-40°C/+25°C	10	8	6	4	3	3	3	3	3	4	4	4	6	6	6
	Impedance ratio at 120Hz															
Load Test	After 2000 hours application of WV at +85°C, the capacitor shall meet the following limits.															
	Capacitance Change								≤ ±20% of initial value							
	tan δ								≤ 150% of initial specified value							
	Leakage Current								≤ initial specified value							
Shelf Test	After 1000 hours, no voltage applied at +85°C, the capacitor shall meet the following limits.															
	Capacitance Change								≤ ±20% of initial value							
	tan δ								≤ 150% of initial specified value							
	Leakage Current								≤ 200% of initial specified value							



