

ALUMINUM ELECTROLYTIC CAPACITORS

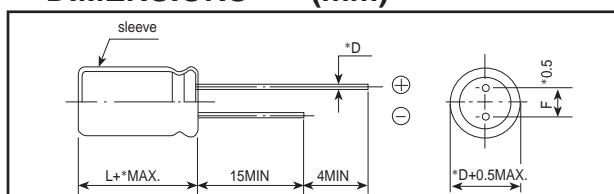
SM series

- Load life of 2,000 hours at 85* .
- High reliability and safety.
- Units of *6.3 or more are furnished with safety case vents.
- Solvent proof

* SPECIFICATIONS

Items	Performance Characteristics											
Operating Temperature Range	*D*20	-40~+85*(6.3~400V), +85*(450V)										
	*D*20	-40~+85*(6.3~250V), -25*~ +85*(315~450V)										
Voltage Range	6.3 ~ 450V											
Capacitance Range	0.1~22,000*F											
Capacitance Tolerance	*20% (M) at 120Hz,25*											
Leakage Current(MAX)	Rated Voltage(V)	6.3-100 160-450										
	*D*18	<ul style="list-style-type: none"> • After 1 minutes application of rated voltage, not more than 0.03CV or 4 *A, whichever is greater. • After 2 minutes application of rated voltage, not more than 0.01CV or 3*A, whichever is greater. 										
	*D*18	<ul style="list-style-type: none"> • In case of CV*1000 After 1 minutes application of rated voltage, not more than 0.1CV+40(*A) • In case of CV*1000 After 1 minutes application of rated voltage, not more than 0.04CV+100(*A) 										
(tan *)	For capacitance of more than 1000*F, add 0.02 for every increase of 1000*F, Measurement frequency:120Hz, Temperature:25*											
	Rated voltage(V)	6.3	10	16	25	35	50	63-100	160-315	350-450		
tan*(MAX)	0.24	0.20	0.16	0.14	0.12	0.10	0.08	0.20	0.25			
Stability at Low Temperature	Measurement frequency:120Hz											
	Rated Voltage(V)	6.3	10	16	25	35-100	160-200	250	315-350	400	450	
	Impedance ratio	Z(-25*)/Z(+20*)	*D*20	4	3	2	2	2	3	3	6	6
ZT/Z20(MAX)	Z(-40*)/Z(+20*)	*D*20	6	4	2	3	2	4	4	6	15	15
		*D*20	10	8	6	4	3	4	6	6	6	-
Load Life	After 2000 hours' application of rated voltage at 85* capacitors meet the characteristics requirements listed as following.											
	Leakage Current	Initial specified value or less										
	Capacitance Change	within *20% of initial value.										
Shelf Life	After leaving capacitors under no load of 85* for 1000 hours and applying voltage according to JIS C-5102 4-3, they meet the specified value for load life characteristics listed above.											
	Standards	According to JIS C-5141										

* DIMENSIONS (mm)



*D	5	6.3	8	10	13	16	18	20	22	25
*d	0.5	0.5	0.6	0.6	0.6	0.8	0.8	1.0	1.0	1.0
F	2.0	2.5	3.5	5.0	5.0	7.5	7.5	10	10	12.5
*	1.5					2.0				

CATALOG NUMBERING SYSTEM (Example:10V 100*F)

