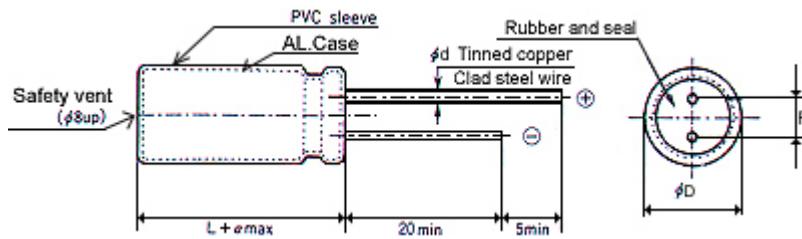




## SL series LOW LEAKGE CURRENT

Item	Characteristics						
Operating Temperature Range	-40~+85°C						
Rated Working Voltage Range	6.3V~50V DC						
Capacitance Tolerance (120Hz, 25°C)	$\pm 20\%$ (M)						
Leakage Current ( 25°C)	$I \leq 0.002CV$ or $0.4(\mu A)$ I:Leakage Current ( $\mu A$ ) C:Rated Capacitance ( $\mu F$ ) V:Working Voltage (V) After 3 minutes applying the DC working voltage						
Surge Voltage (25°C)	W.V.	6.3	10	16	25	35	50
	S.V.	8	13	20	32	44	63
Dissipation Factor (120Hz, 25°C) (Tan. $\Theta$ )	W.V.	6.3	10	16	25	35	50
	Tan. $\Theta$	0.25	0.20	0.17	0.15	0.12	0.10
Temperature Characteristics	W.V. -25°C/+25°C -40°C/+25°C	6.3 5 10	10 4 8	16 3 6	25 3 4	35 2 3	50 2 3
	Impedance ration at 120Hz						
Load Test	After 1000 hours application of W.V. at +85°C the capacitor shall meet the following limits						
	Capacitance change	$\leq \pm 20\%$ of initial value					
	Tan. $\Theta$	$\leq 200\%$ of initial specified value					
	Leakage current	$\leq$ initial specified value					
Shelf Test	After 500 hours application of W.V. at +85°C the capacitor shall meet the following limits						
	Capacitance change	$\leq \pm 20\%$ of initial value					
	Tan. $\Theta$	$\leq 200\%$ of initial specified value					
	Leakage current	$\leq 200\%$ of initial specified value					

# SL Dimensions



**Unit (mm)**

<b>D</b>	5	6	8	10
<b>F±0.5</b>	2	2.5	3.5	5
<b>d±0.02</b>	0.5	0.5	0.6	0.6

**DxL (m/m)**

<b>µF\WV</b>	10	16	25	35	50		
0.1						5x11	1
0.22	Dimension: $\varnothing$ DxL(mm)					5x11	4
0.33	Ripple Current: mA (rms) at 120Hz 85°C					5x11	4
0.47						5x11	6
1						5x11	17
2.2						5x11	29
3.3						5x11	34
4.7						5x11	43
10				5x11	60	5x11	67
22		5x11	67	5x11	80	5x11	92
33	5x11	65	5x11	90	5x11	97	6x11
47	5x11	74	5x11	116	5x11	134	6x12
100	5x11	170	6x12	241	6x12	263	8x12
220	6x12	281	6x12	309			

# A-CAP

## PART NUMBER SYSTEM FOR ALUMINUM ELECTROLYTIC CAPACITORS



### ORDERING INFORMATION

OPTIONAL DIMENSIONS AND LEAD SPACING (IF NOT STANDARD)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
S R	1 0 3	M	0 1 6	B	2 0 3 6	G	10.5
Series	Capacitance ( $\mu$ F)	Capacitance Tolerance (EIA Code)	Voltage Code	Packing Code	Diameter x Height (mm)	Lead Spacing	Lead Length (mm) (For lead cut only)
<b>EXAMPLES:</b>							
Capacitance							
SR							
SA							
GR							
GA							
SS							
SK							
SL							
SZ							
NR							
NA							
BA							
LS							
LB							
SG							