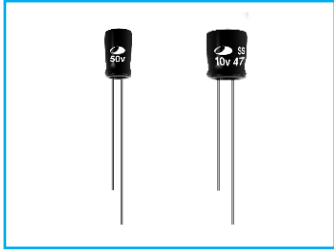
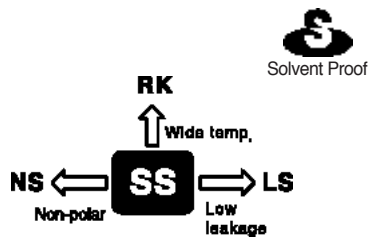


# MINIATURE ALUMINUM ELECTROLYTIC CAPACITORS

## SS Standard, Height 7mm Series

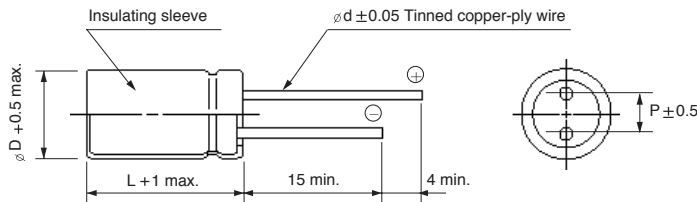
- Super miniature series with 7mm height
- Suited for use in compact audio equipment
- Load life of 2000 hours at 85°C



Item	Characteristics									
Operating temperature range	-40 ~ +85°C									
Leakage current max.	I = 0.01CV or 4μA whichever is greater (after 1 minute)									
Capacitance tolerance	±20% at 120Hz, 20°C									
Dissipation factor max. (at 120Hz, 20°C)	WV	4	6.3	10	16	25	35, 40	50	63	
	tan δ	0.35	0.24	0.20	0.16	0.14	0.12	0.10	0.10	
Low temperature characteristics (Impedance ratio at 120Hz)	WV	4	6.3	10	16, 25	35~63				
	Z-25°C/Z+20°C	6	4	3	2	2				
	Z-40°C/Z+20°C	12	8	6	4	3				
Load life (after application of the rated voltage for 2000 hours at 85°C)	Leakage current	Less than specified value								
	Capacitance change	Within ±20% of initial value								
	tan δ	Less than 200% of specified value								
Shelf life (at 85°C)	After 1000 hours no load test, leakage current, capacitance and tan δ are same as load life value.									

### ● DRAWING

Unit : mm



φD	4	5	6.3
P	1.5	2.0	2.5
φd	0.45	0.5	0.5

### ● DIMENSIONS & MAXIMUM PERMISSIBLE RIPPLE CURRENT

μF	WV	4	6.3	10	16	25	35	40	50	63						
0.1									4 × 7	4.4	4 × 7	4.4				
0.15									4 × 7	5.4	4 × 7	5.4				
0.22									4 × 7	6.6	4 × 7	6.6				
0.33									4 × 7	8.0	4 × 7	8.0				
0.47									4 × 7	10	4 × 7	10				
0.68									4 × 7	12	4 × 7	12				
1.0									4 × 7	14	4 × 7	14				
1.5									4 × 7	17	4 × 7	17				
2.2									4 × 7	21	4 × 7	21				
3.3									4 × 7	25	4 × 7	25				
4.7									4 × 7	30	4 × 7	30				
6.8							4 × 7	33	4 × 7	33	4 × 7	37	5 × 7	42		
10						4 × 7	37	4 × 7	40	4 × 7	40	5 × 7	51	5 × 7	51	
15					4 × 7	43	4 × 7	46	5 × 7	57	5 × 7	57	6.3 × 7	72	6.3 × 7	72
22				4 × 7	46	4 × 7	52	5 × 7	64	5 × 7	69	6.3 × 7	80	6.3 × 7	88	
33	4 × 7	43	4 × 7	52	4 × 7	57	5 × 7	73	5 × 7	78	6.3 × 7	98	6.3 × 7	98		
47	4 × 7	51	4 × 7	62	5 × 7	78	5 × 7	87	6.3 × 7	108						
68	5 × 7	71	5 × 7	86	5 × 7	94	6.3 × 7	122								
100	5 × 7	86	5 × 7	104	6.3 × 7	132	6.3 × 7	148								
150	6.3 × 7	122	6.3 × 7	148	6.3 × 7	162										
220	6.3 × 7	148	6.3 × 7	179												

— Ripple current (mA rms) at 85°C, 120Hz  
 — Case size φD × L (mm)