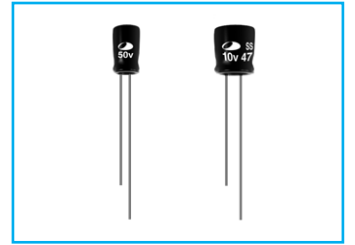
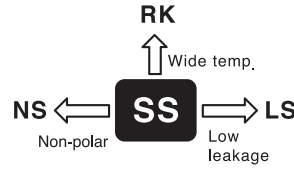


SS

Standard, Height 7mmL Series

- Super miniature series with 7mmL height
- Suited for use in compact audio equipment
- Load life of 2000 hours at 85°C
- Complied to the RoHS directive

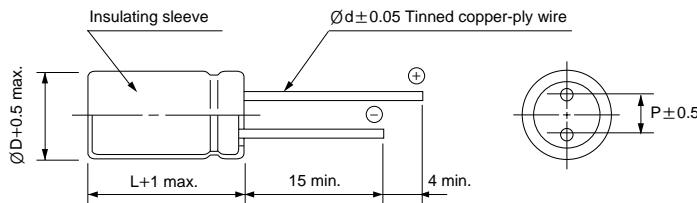
Solvent Proof



Item	Characteristics																		
Operating temperature range	-40 ~ +85°C																		
Leakage current max.	$I = 0.01CV$ or $4\mu A$ whichever is greater (after 1 minute)																		
Capacitance tolerance	$\pm 20\%$ at 120Hz, 20°C																		
Dissipation factor max. (at 120Hz, 20°C)	<table border="1"> <tr> <td>WV</td> <td>4</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35, 40</td> <td>50</td> <td>63</td> </tr> <tr> <td>tanδ</td> <td>0.35</td> <td>0.24</td> <td>0.20</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> <td>0.10</td> <td>0.10</td> </tr> </table>	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
	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)	<table border="1"> <tr> <td>WV</td> <td>4</td> <td>6.3</td> <td>10</td> <td>16, 25</td> <td>35 ~ 63</td> </tr> <tr> <td>Z-25°C/Z+20°C</td> <td>6</td> <td>4</td> <td>3</td> <td>2</td> <td>2</td> </tr> <tr> <td>Z-40°C/Z+20°C</td> <td>12</td> <td>8</td> <td>6</td> <td>4</td> <td>3</td> </tr> </table>	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
	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 $\pm 20\%$ 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



ØD	4	5	6.3
P	1.5	2.0	2.5
Ød	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 ØD×L (mm)

MINIATURE TYPES