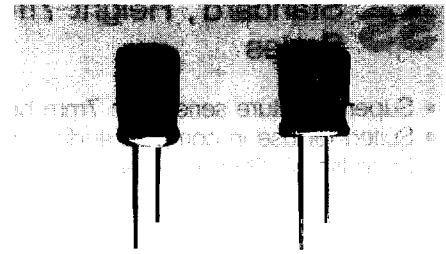


SK Series High CV, Height 7mm

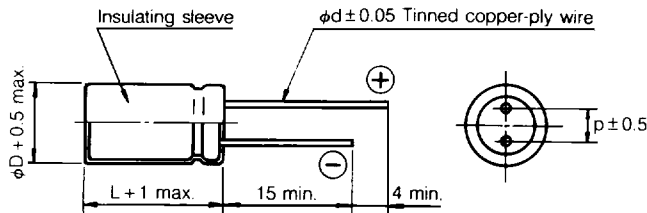
- High CV series with 7mm height
- Smaller case sizes than SS series
- Suited for car stereo, camera and other personal electronic products
- Load life of 2000 hours at 85°C



Item	Characteristics																		
Operating temperature range	-40 ~ +85°C																		
Leakage current max.	$I = 0.01CV$ or $3\mu A$ whichever is greater (after 2 minutes)																		
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</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	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	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, 50</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, 50	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, 50													
	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



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

● DIMENSIONS & MAXIMUM PERMISSIBLE RIPPLE CURRENT mA(rms) at 120Hz, 85°C

$\phi D \times L(\text{mm}) : \text{mA}(\text{rms})$

WV μF	4	6.3	10	16	25	35	50	63
3.3								4 × 7 25
4.7							4 × 7 31	4 × 7 30
6.8						4 × 7 34	4 × 7 37	5 × 7 42
10					4 × 7 38	4 × 7 41	5 × 7 52	5 × 7 51
15				4 × 7 43	4 × 7 46	5 × 7 58	6.3 × 7 72	6.3 × 7 72
22			4 × 7 47	4 × 7 53	5 × 7 65	5 × 7 70	6.3 × 7 87	
33	4 × 7 43	4 × 7 53	4 × 7 58	5 × 7 74	5 × 7 79	6.3 × 7 97		
47	4 × 7 52	4 × 7 63	5 × 7 79	5 × 7 89	6.3 × 7 108			
68	5 × 7 72	5 × 7 87	5 × 7 95	6.3 × 7 122				
100	5 × 7 87	5 × 7 106	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						