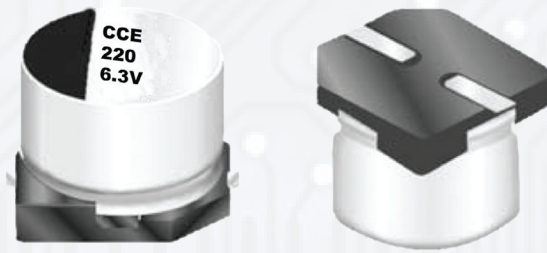


SMD ALUMINUM ELECTROLYTIC CAPACITORS

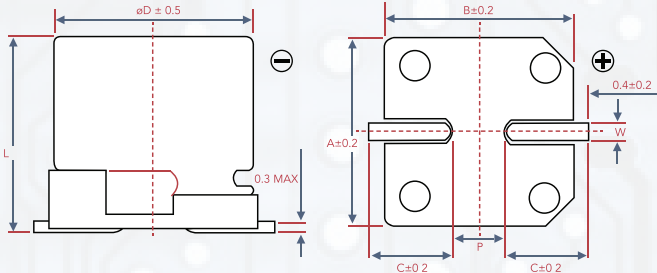
- CVK SERIES -

FEATURES

- 4Ø~10Ø, 105°C, 2,000-5,000 hours assured
- Designed for surface mounting on high density PC board
- RoHS Compliance



CONSTRUCTION AND DIMENSIONS



LEAD SPACING AND DIAMETER

øD	L	A	B	C	W	P ± 0.2
4	5.7±0.3	4.3	4.3	2.0	0.5~0.8	1.0
5	5.7±0.3	5.3	5.3	2.3	0.5~0.8	1.5
6.3	5.7±0.3	6.3	6.3	2.7	0.5~0.8	2.0
8	10±0.5	8.4	8.4	3.0	0.7~1.1	3.1
10	10±0.5	10.4	10.4	3.3	0.7~1.1	4.7

SPECIFICATIONS

ITEM	SPECIFICATION																																
Operating Temperature Range	-55°C ~ +105°C																																
Capacitance Tolerance	±20% (at 120Hz, 20°C)																																
Leakage Current (at 20°C)	I=0.01CV or 3 (µA) whichever is greater (after 2 minutes) Where, C = rated capacitance in µF, V= rated DC working voltage in V																																
Dissipation Factor Tan δ at 120Hz, 20°C	<table border="1"> <thead> <tr> <th>RATED VOLTAGE</th> <th>6.3</th> <th>10</th> <th>16</th> <th>25</th> <th>35</th> <th>50</th> </tr> </thead> <tbody> <tr> <td>4 ~ 6.3ø</td> <td>0.32</td> <td>0.28</td> <td>0.24</td> <td>0.18</td> <td>0.15</td> <td>0.14</td> </tr> <tr> <td>8 ~ 10ø</td> <td>0.30</td> <td>0.26</td> <td>0.22</td> <td>0.16</td> <td>0.13</td> <td>0.12</td> </tr> </tbody> </table>	RATED VOLTAGE	6.3	10	16	25	35	50	4 ~ 6.3ø	0.32	0.28	0.24	0.18	0.15	0.14	8 ~ 10ø	0.30	0.26	0.22	0.16	0.13	0.12											
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Low Temperature Characteristics (at 120Hz)	Impedance ratio shall not exceed the values given in the table below. <table border="1"> <thead> <tr> <th>RATED VOLTAGE</th> <th>6.3</th> <th>10</th> <th>16</th> <th>25</th> <th>35</th> <th>50</th> </tr> </thead> <tbody> <tr> <td>IMPEDANCE RATIO Z(-25°C) / Z(+20°C)</td> <td>4</td> <td>3</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> </tr> <tr> <td>Z(-40°C) / Z(+20°C)</td> <td>8</td> <td>5</td> <td>4</td> <td>3</td> <td>3</td> <td>3</td> </tr> </tbody> </table>	RATED VOLTAGE	6.3	10	16	25	35	50	IMPEDANCE RATIO Z(-25°C) / Z(+20°C)	4	3	2	2	2	2	Z(-40°C) / Z(+20°C)	8	5	4	3	3	3											
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Other Standards	Satisfies Characteristic W of JIS C 5101-1, -18																																

DIMENSION & PERMISSIBLE RIPPLE CURRENT

Dimension: øD x L (mm)
Ripple Current: mA/Rms at 120 Hz, 105°C

VDC CONTENTS µF		6.3V (0J)		10V (1A)		16V (1A)		25V (1E)		35V (1V)		50V (1H)	
		ØDxL	mA	ØDxL	mA	ØDxL	mA	ØDxL	mA	ØDxL	mA	ØDxL	mA
0.1	0R1											4x5.7	2
0.22	R22											4x5.7	3
0.33	R33											4x5.7	4
0.47	R47											4x5.7	5
1	0.10											4x5.7	10
2.2	2R2											4x5.7	16
3.3	3R3											4x5.7	18
4.7	4R7					4x5.7	13	4x5.7	13	4x5.7	13	5x5.7	22
10	100			4x5.7	13	4x5.7	16	5x5.7	23	5x5.7	25	6.3x5.7	178
22	220	4x5.7	13	5x5.7	30	5x5.7	30	6.3x5.7	38	6.3x5.7	50	8x10	178
33	330	5x5.7	30	5x5.7	30	6.3x5.7	40	6.3x5.7	48	8x10	178	8x10	178
47	470	5x5.7	36	6.3x5.7	43	6.3x5.7	50	8x10	178	8x10	178	8x10	178
100	101	6.3x5.7	61	8x10	178	8x10	178	8x10	178	10x10	324	10x10	160
220	221	8x10	178	8x10	178	8x10	178	8x10	240	10x10	324		
330	331	8x10	178	10x10	324	10x10	324	10x10	324	10x10	324		
470	471	10x10	324	10x10	324	10x10	324						