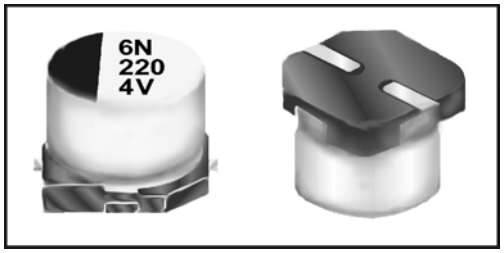
RV2/VE2 *Aluminum Electrolytic Capacitors*

CE32 Type



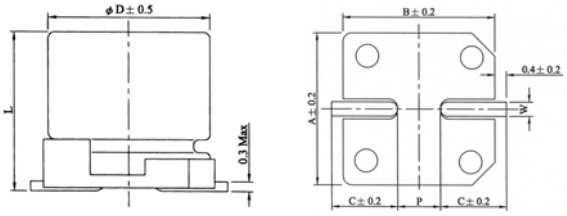
Features

- Vertical chip type miniaturized for 5.5mm, high capacitors

SPECIFICATIONS

Items	Performance
Operating Temperature Range	-40℃ ~+85℃
Capacitance Tolerance	±20% (at 120Hz, 20℃)
Leakage Current (at 20℃)	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℃)	Rated Voltage: 4 / 6.3 / 10 / 16 / 25 / 35 / 50 Tan δ (max): 0.42 / 0.28 / 0.24 / 0.20 / 0.14 / 0.12 / 0.10
Low Temperature Characteristics (at 120Hz)	Impedance ratio shall not exceed the values given in the table below. Rated Voltage: 4 / 6.3 / 10 / 16 / 25 / 35 / 50 Impedance Ratio Z(-25℃)/Z(+20℃): 7 / 3 / 3 / 2 / 2 / 2 / 2 Impedance Ratio Z(-40℃)/Z(+20℃): 15 / 8 / 5 / 4 / 3 / 3 / 3
Load Life Test	Test Time: 2000 Hrs Capacitance Change: Within ±20% of initial value (4WV：±30%) Dissipation Factor: Less than 200% of specified value (4WV：300%) Leakage Current: Within specified value * The above specifications shall be satisfied when the capacitors are restored to 20℃ after the rated voltage applied for 2000 hrs at 85℃.
Shelf Life Test	Test time: 1000 hrs; other items are the same as those for the load life test.
Ripple Current & Frequency Multipliers	Freq.(Hz) / V.DC(V): 50 / 120 / 1K / 10K up Under 16: 0.8 / 1.0 / 1.15 / 1.25 25 ~ 35: 0.8 / 1.0 / 1.25 / 1.40 50: 0.8 / 1.0 / 1.35 / 1.50
Other Standards	JIS C 5101-18

DIAGRAM OF DIMENSIONS



Unit: mm

φD	L	A	B	C	W	P±0.2
4	5.3±0.2	4.3	4.3	2.0	0.5 to 0.8	1.0
5	5.3±0.2	5.3	5.3	2.3	0.5 to 0.8	1.5
6.3	5.3±0.2	6.6	6.6	2.7	0.5 to 0.8	2.0

DIMENSION & PERMISSIBLE RIPPLE CURRENT

Dimension: φD × L(mm)
Ripple Current: mA/rms at 120 Hz, 85°C

V.DC / μF / Contents	4V (0G)		6.3V (0J)		10V (1A)		16V (1C)		25V (1E)		35V (1V)		50V (1H)	
	φD×L	mA	φD×L	mA	φD×L	mA	φD×L	mA	φD×L	mA	φD×L	mA	φD	mA
0.1	0R1												4×5.3	3
0.22	R22												4×5.3	5
0.33	R33												4×5.3	6
0.47	R47												4×5.3	7
1	010												4×5.3	10
2.2	2R2												4×5.3	15
3.3	3R3												4×5.3	19
4.7	4R7								4×5.3	19	4×5.3	20	5×5.3	26
10	100					4×5.3	23	4×5.3	26	5×5.3	32	5×5.3	34	6.3×5.3	44
22	220			4×5.3	31	5×5.3	39	5×5.3	44	6.3×5.3	55	6.3×5.3	59		
33	330	4×5.3	31	5×5.3	44	5×5.3	48	6.3×5.3	63	6.3×5.3	67				
47	470	4×5.3	37	5×5.3	52	6.3×5.3	67	6.3×5.3	75						
100	101	5×5.3	63	6.3×5.3	89	6.3×5.3	98	6.3×5.3	103						
220	221	6.3×5.3	110												

Remark: VE2 is the new series name, RV2 is still effective.

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