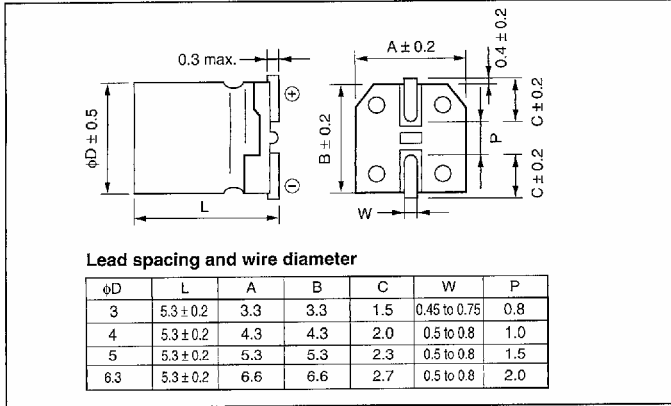


**RV2 Vertical Chip Electrolytic Capacitors**

**Series RV2 Chip Aluminum Electrolytic Capacitors.**

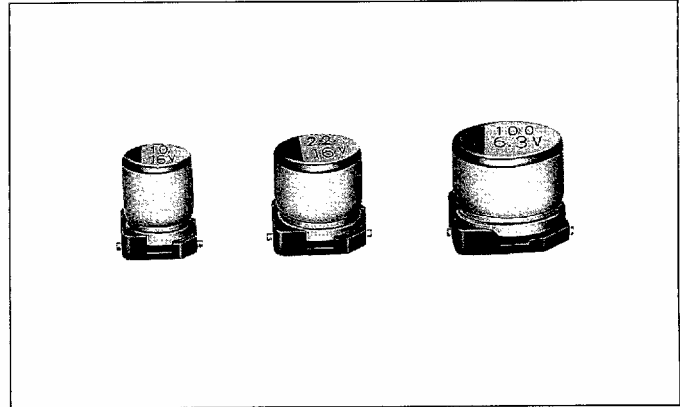
- For surface mount 85°C, 2000 hours guaranteed.
- Carrier taping supplied.

**Outline Drawing**



Unit: mm

**Photo**



**Specifications**

No.	Item	Performance																																												
1	Temperature range (°C)	-40 to +85°C																																												
2	Leakage current (μA)	Less than 0.01 CV or 3 whichever is larger (after two minutes) C: Capacitance (μF), V: Voltage (V) (20°C)																																												
3	Capacitance tolerance (%)	±20 (20°C, 120 Hz)																																												
4	Tangent of loss angle (tan δ)	<table border="1"> <thead> <tr> <th colspan="2">Rated voltage (V)</th> <th>4</th> <th>6.3</th> <th>10</th> <th>16</th> <th>25</th> <th>35</th> <th>50</th> <th rowspan="3">(20°C, 120 Hz)</th> </tr> </thead> <tbody> <tr> <td rowspan="2">tan δ</td> <td>Ø3</td> <td>0.42</td> <td>0.30</td> <td>0.24</td> <td>0.22</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> </tr> <tr> <td>Ø4~Ø6.3</td> <td>0.42</td> <td>0.28</td> <td>0.24</td> <td>0.20</td> <td>0.14</td> <td>0.12</td> <td>0.10</td> </tr> </tbody> </table>	Rated voltage (V)		4	6.3	10	16	25	35	50	(20°C, 120 Hz)	tan δ	Ø3	0.42	0.30	0.24	0.22	0.16	0.14	0.12	Ø4~Ø6.3	0.42	0.28	0.24	0.20	0.14	0.12	0.10																	
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7	Max. storage temp. (85°C)	Test time 1000 hrs. Others have same as endurance in No. 6. Pretreatment performed (JIS C 5102).																																												
8	Applicable Standards	JIS C 5102 and JIS C 5141.																																												

**Coefficients of Frequency for Ripple Current**

Frequency (Hz) \ Rated Voltage (V)	50 • 60	120	1 k	10 k • 100 k
4 to 16	0.80	1	1.15	1.25
25 to 35	0.80	1	1.25	1.40
50	0.80	1	1.35	1.50

**Coefficients of Temperature for Ripple Current**

Temperature (°C)	+70 or less	+85
Coefficients	1.35	1

## RV2 Vertical Chip Electrolytic Capacitors

Case size by working voltage & capacitance (in mm)

(mm)

WV(V) Cap.(µF)	4	6.3	10	16	25	35	50
0.1							3 x 5.3   4 x 5.3
0.22							3 x 5.3   4 x 5.3
0.33							3 x 5.3   4 x 5.3
0.47							3 x 5.3   4 x 5.3
1							3 x 5.3   4 x 5.3
2.2						3 x 5.3	4 x 5.3
3.3						3 x 5.3	4 x 5.3
4.7					3x5.3   4x5.3	4 x 5.3	5 x 5.3
10			4 x 5.3	3x5.3   4x5.3	5 x 5.3	5 x 5.3	6.3 x 5.3
22	3 x 5.3	4 x 5.3	5 x 5.3	5 x 5.3	6.3 x 5.3	6.3 x 5.3	
33	4 x 5.3	5 x 5.3	5 x 5.3	6.3 x 5.3	6.3 x 5.3		
47	4 x 5.3	5 x 5.3	6.3 x 5.3	6.3 x 5.3			
100	5 x 5.3	6.3 x 5.3	6.3 x 5.3				
220	6.3 x 5.3						

### Standard Ratings

ELNA PART NO. / WV (V)	CAP. (µF)	SIZE (φ x L) (mm)	tan δ	ESR (Ω)	Ripple Current (mA <sub>rms</sub> )
<b>4 V</b>					
RV2-4V220MB55-R	22	3 x 5.3	0.42	24	14
RV2-4V330M-R	33	4 x 5.3	0.42	8.0	31
RV2-4V470M-R	47	4 x 5.3	0.42	8.0	37
RV2-4V101M-R	100	5 x 5.3	0.42	4.0	63
RV2-4V221M-R	220	6.3 x 5.3	0.42	2.2	110
<b>6.3 V</b>					
RV2-6V220M-R	22	4 x 5.3	0.28	8.0	31
RV2-6V330M-R	33	5 x 5.3	0.28	4.0	44
RV2-6V470M-R	47	5 x 5.3	0.28	4.0	52
RV2-6V101M-R	100	6.3 x 5.3	0.28	2.2	89
<b>10 V</b>					
RV2-10V100M-R	10	4 x 5.3	0.24	8.0	23
RV2-10V220M-R	22	5 x 5.3	0.24	4.0	39
RV2-10V330M-R	33	5 x 5.3	0.24	4.0	48
RV2-10V470M-R	47	6.3 x 5.3	0.24	2.2	67
RV2-10V101M-R	100	6.3 x 5.3	0.24	2.2	98
<b>16 V</b>					
RV2-16V100MB55-R	10	3 x 5.3	0.22	24	18
RV2-16V100M-R	10	4 x 5.3	0.20	8.0	26
RV2-16V220M-R	22	5 x 5.3	0.20	4.0	44
RV2-16V330M-R	33	6.3 x 5.3	0.20	2.2	63
RV2-16V470M-R	47	6.3 x 5.3	0.20	2.2	75
RV2-16V101M-R	100	6.3 x 5.3	0.24	2.2	103
<b>25 V</b>					
RV2-25V4R7MB55-R	4.7	3 x 5.3	0.16	24	11

ELNA PART NO. / WV (V)	CAP. (µF)	SIZE (φ x L) (mm)	tan δ	ESR (Ω)	Ripple Current (mA <sub>rms</sub> )
RV2-25V4R7M-R	4.7	4 x 5.3	0.14	8.0	19
<b>25 V</b>					
RV2-25V100M-R	10	5 x 5.3	0.14	4.0	32
RV2-25V220M-R	22	6.3 x 5.3	0.14	2.2	55
RV2-25V330M-R	33	6.3 x 5.3	0.14	2.2	67
<b>35 V</b>					
RV2-35V2R2MB55-R	2.2	3 x 5.3	0.14	24	8
RV2-35V3R3MB55-R	3.3	3 x 5.3	0.14	24	9
RV2-35V4R7M-R	4.7	4 x 5.3	0.12	8.0	20
RV2-35V100M-R	10	5 x 5.3	0.12	4.0	34
RV2-35V220M-R	22	6.3 x 5.3	0.12	2.2	59
<b>50 V</b>					
RV2-50VR10MB55-R	0.1	3 x 5.3	0.12	24	1
RV2-50VR10M-R	0.1	4 x 5.3	0.10	12	3
RV2-50VR22MB55-R	0.22	3 x 5.3	0.12	24	2
RV2-50VR22M-R	0.22	4 x 5.3	0.10	12	5
RV2-50VR33MB55-R	0.33	3 x 5.3	0.12	24	3
RV2-50VR33M-R	0.33	4 x 5.3	0.10	12	6
RV2-50VR47MB55-R	0.47	3 x 5.3	0.12	24	4
RV2-50VR47M-R	0.47	4 x 5.3	0.10	12	7
RV2-50V010MB55-R	1	3 x 5.3	0.12	24	6
RV2-50V010M-R	1	4 x 5.3	0.10	12	10
RV2-50V2R2M-R	2.2	4 x 5.3	0.10	12	15
RV2-50V3R3M-R	3.3	4 x 5.3	0.10	12	19
RV2-50V4R7M-R	4.7	5 x 5.3	0.10	6.0	26
RV2-50V100M-R	10	6.3 x 5.3	0.10	3.0	44

Note: ESR 100 kHz at 20°C. Allowable Ripple Current 120 Hz at