



SMD Aluminum Electrolytic Capacitors

VEB Series

Features

- D4 - ~ 6.3 - , 85 ¥ , 2,000 hours assured
- DVertical chip type miniaturized
- DNon-polar capacitors for 5.5 mm high capacitors
- DDesigned for surface mounting on high density PC board
- DRoHS Compliance



Marking color: Black

Specifications

Items	Performance														
Category Temperature Range	-40 ¥ ~ +85 ¥														
Capacitance Tolerance	±20% (at 120Hz, 20 ¥)														
Leakage Current (at 20 W)	I = 0.01CV or 3 (A) whichever is greater (after 2 minutes) Where, C= rated capacitance in F V = rated DC working voltage in V														
Dissipation Factor (Tan / at 120Hz, 20 ¥)	<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>Tan /</td> <td>4 -</td> <td>0.35</td> <td>0.30</td> <td>0.25</td> <td>8</td> <td>.480</td> </tr> </tbody> </table>	Rated Voltage	6.3	10	16	25	35	50	Tan /	4 -	0.35	0.30	0.25	8	.480
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Tan /	4 -	0.35	0.30	0.25	8	.480									

Ripple Current & Frequency Multipliers	Leakage Current	Within specified value			
	* The above Specifications shall be satisfied when the capacitors are restored to 20 ¥ after exposing them for 1,000 hours at 85 ¥ without voltage applied.				
	Frequency (Hz)	50	120	1k	10k up
	Multiplier	0.7	1.0	1.3	1.4

Diagram of dimensions

Marking

Lead Spacing and Diameter

Unit: mm

- D	L	A	B	C	W	P ± 0.2
4	5.3 ± 0.2	4.3	4.3	5.1	0.5 ~ 0.8	1.0
5	5.3 ± 0.2	5.3	5.3	5.9	0.5 ~ 0.8	1.5
6.3	5.3 ± 0.2	6.6	6.6	7.2	0.5 ~ 0.8	2.0

Dimension & Permissible Ripple Current

Dimension: - D × L(mm)

Ripple Current: mA/rms at 120 Hz, 85 ¥

F	Contents	6.3V (0J)		10V (1A)		16V (1C)		25V (1E)		35V (1V)		50V (1H)	
		- DxL	mA	- DxL	mA	- DxL	mA	- DxL	mA	- DxL	mA	- DxL	mA
0.33	R33											4x5.3	4.1
0.47	R47											4x5.3	4.9

								4x5.3	13	5x5.3	17	5x5.3	17
4.7	4R7			4x5.3	14	5x5.3	20	5x5.3	21	6.3x5.3	24		
10	100		4x5.3	18	5x5.3	26	6.3x5.3	35	6.3x5.3	35			