

VH 片式铝电解电容 SMD Aluminum Electrolytic Capacitors

- 产品直径。Case diameter: Φ4mm-Φ10mm.
 - 适用于再流焊。Reflow soldering is available.
 - 适用于高密度表面组装。Available for high density surface mounting.
 - RoHS 指令已对应完毕。Adapted to the RoHS directive.



Surface Mount

主要技术性能 *Specifications*

外形图及尺寸 Diagram of Dimensions

Φ4~Φ6.3							Φ8~Φ10							Unit: mm	
ΦD	A	B	C	E	L	H	ΦD	A	B	C	E	L	H		
4×5.4	1.8	4.3	4.3	1.0	5.4	0.5~0.8	8×6.5	2.9	8.3	8.3	2.3	6.5	0.8~1.1		
5×5.4	2.1	5.3	5.3	1.3	5.4		8×10.5	2.9	8.3	8.3	3.1	10			
6.3×5.4	2.4	6.6	6.6	2.2	5.4		10×10.5	3.2	10.3	10.3	4.5	10			
6.3×7.7	2.4	6.6	6.6	2.2	7.7										

标称电容量、额定电压、额定纹波电流与外形尺寸对应表

Nominal capacitance, rated voltage, rated ripple current and case size table

V Item Cap.(μF)	4		6.3		10		16		25		35		50	
	ΦD×L (mm)	I~ (mA)	ΦD×L (mm)	I~ (mA)	ΦD×L (mm)	I~ (mA)	ΦD×L (mm)	I~ (mA)	ΦD×L (mm)	I~ (mA)	ΦD×L (mm)	I~ (mA)	ΦD×L (mm)	I~ (mA)
0.1														
0.22														
0.33														
0.47														
1.0													4×5.4	6.3
2.2													4×5.4	11
3.3													4×5.4	14
4.7									4×5.4	13	4×5.4	16	5×5.4	19
10							4×5.4	18	5×5.4	23	5×5.4	27	6.3×5.4	30
22	4×5.4	22	4×5.4	22	5×5.4	27	5×5.4	30	6.3×5.4	38	6.3×5.4	44	6.3×7.7	51
33	5×5.4	30	5×5.4	30	5×5.4	35	6.3×5.4	40	6.3×5.4	48	6.3×7.7	59	6.3×7.7	60
47	5×5.4	36	5×5.4	36	6.3×5.4	46	6.3×5.4	50	6.3×7.7	66	6.3×7.7	80	6.3×7.7	63
100	6.3×5.4	60	6.3×5.4	60	6.3×5.4	60	6.3×5.4	95	6.3×7.7 8×6.5	91	6.3×7.7	100	8×10.5	230
150	6.3×5.4	86	6.3×5.4	86	6.3×7.7	86	6.3×7.7		8×10.5	240	8×10.5	260	10×10.5	250
220	6.3×7.7	102	6.3×7.7	102	6.3×7.7 8×6.5	105	6.3×7.7	105	8×10.5	320	10×10.5	450	10×10.5	375
330	6.3×7.7	105	8×10.5	290	8×10.5	290	8×10.5	290	10×10.5	450				
470	6.3×7.7	105	8×10.5	340	8×10.5	320	8×10.5	320	10×10.5	490				
680	8×10.5	340	8×10.5	340	10×10.5	392	10×10.5	470						
1000	8×10.5	340	10×10.5	495	10×10.5	550								

I~ = 额定纹波电流 Rated ripple current (mA)(+105°C, 120Hz)

额定纹波电流的频率系数 Frequency coefficient of ripple current

Frequency	频率	50Hz	120Hz	300Hz	1kHz	10K~100KHz
Coefficient	系数	0.70	1.00	1.17	1.36	1.50