



# 片式铝电解电容 SMD Aluminum Electrolytic Capacitors

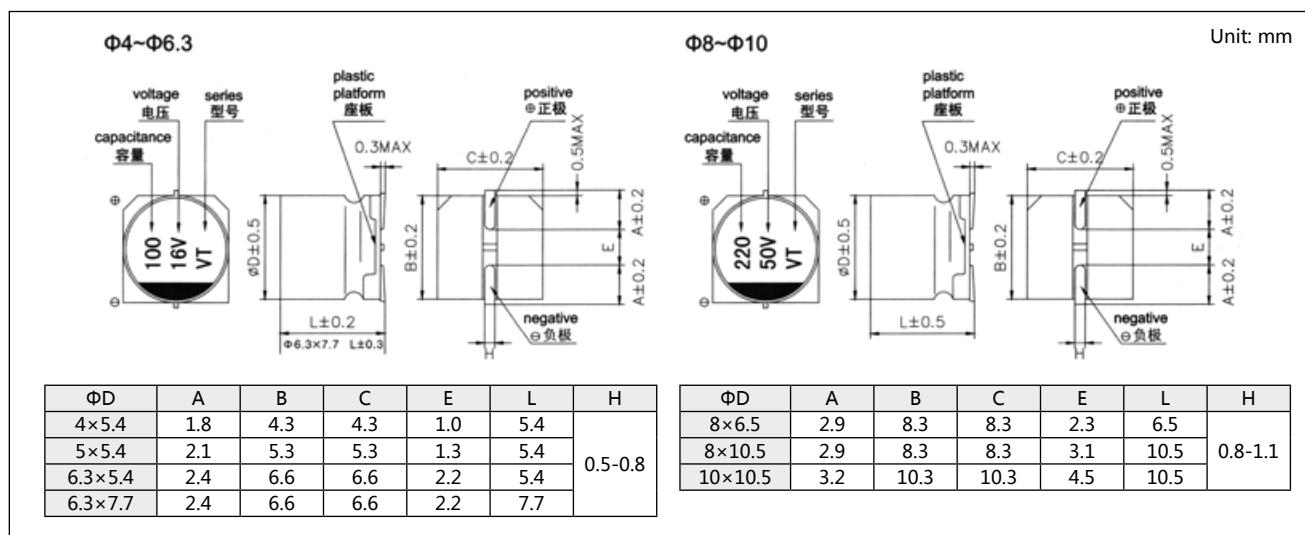
- 产品直径。Case diameter:  $\Phi 4\text{mm}$ - $\Phi 10\text{mm}$ .
  - 适用于再流焊。Reflow soldering is available.
  - 适用于高密度表面组装。Available for high density surface mounting.
  - 工作温度范围宽 (-40~+105°C)。Operating over wide temperature range (-40~+105°C)
  - RoHS 指令已对应完毕。Adapted to the RoHS directive.



## Surface Mount

## 主要技术性能 *Specifications*

## 外形图及尺寸 Diagram of Dimensions



## 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

Cap.(μF)	V	4		6.3		10		16		25		35		50	
		ΦD×L (mm)	I~ (mA)												
0.1														4×5.4	2.3
0.22														4×5.4	3.4
0.33														4×5.4	4.1
0.47														4×5.4	5
1.0														4×5.4	10
2.2														4×5.4	16
3.3														4×5.4	16
4.7												4×5.4	22	4×5.4	22
10								4×5.4	28	5×5.4	28	5×5.4	30	6.3×5.4	32
22			4×5.4	29	5×5.4	30	5×5.4	39	6.3×5.4	55	6.3×5.4	38	6.3×7.7	51	
33	4×5.4	29	5×5.4	34	5×5.4	34	5×5.4	35	6.3×5.4	65	6.3×5.4	42	6.3×7.7	70	
47	4×5.4	30	5×5.4	46	6.3×5.4	48	6.3×5.4	70	6.3×5.4	70	6.3×7.7	80	6.3×7.7	80	
100	5×5.4	47	6.3×5.4	71	6.3×5.4	69	6.3×5.4	70	6.3×7.7	100	8×10.5	296	8×10.5	230	
220	6.3×5.4	71	6.3×7.7	120	6.3×7.7	120	6.3×7.7	120	8×10.5	320	10×10.5	435	10×10.5	375	
330	6.3×7.7	105	6.3×7.7	290	8×10.5	305	8×10.5	425	10×10.5	450	10×10.5	450			
470	6.3×7.7	105	8×10.5	330	8×10.5	340	8×10.5	340	10×10.5	490					
1000	8×10.5	260	10×10.5	475	10×10.5	410									

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