

◆贴片型 产品型号体系／CHIP TYPE PART NUMBER

<div>□□□</div> <div>额定电压 Rated Voltage</div>	<div>□□□□</div> <div>系列名称 Series</div>	<div>□□□□□</div> <div>静电容量 Capacitance</div>	<div>□</div> <div>静电容量允许差 Capacitance Tolerance</div>	<div>□□□</div> <div>副记号 Option ※1</div>	<div>D×L</div> <div>铝壳尺寸 Case Size</div>																										
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<table><tr><th>Rated Voltage(Vdc)</th><th>Code</th></tr><tr><td>6.3</td><td>6.3</td></tr><tr><td>10</td><td>10</td></tr><tr><td>25</td><td>25</td></tr><tr><td>100</td><td>100</td></tr></table>	Rated Voltage(Vdc)	Code	6.3	6.3	10	10	25	25	100	100		<table><tr><th>Cap.(μF)</th><th>Code</th></tr><tr><td>4.7</td><td>4R7</td></tr><tr><td>220</td><td>220</td></tr><tr><td>3300</td><td>3300</td></tr></table>	Cap.(μF)	Code	4.7	4R7	220	220	3300	3300	<table><tr><th>Tolerance</th><th>Code</th></tr><tr><td>±20%</td><td>M</td></tr></table>	Tolerance	Code	±20%	M		<table><tr><th>Case Size</th></tr><tr><td>4×6.1</td></tr><tr><td>8×10.5</td></tr><tr><td>16×21.5</td></tr></table>	Case Size	4×6.1	8×10.5	16×21.5
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<div>例) : Example</div>																															
35	TZV	330	M		10×10.5																										

※1 副记号: 标准品为空白。
Option : Standard item is blank.

◆引线型 产品型号体系／RADIAL LEAD TYPE PART NUMBER

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<div>例) : Example</div> <div><div>·长引线品 Long lead type</div><div>·编带品 Taping type</div><div>50 PX 2R2 M EFC 5×11</div><div>35 ZLJ 220 M TA 8×16</div></div>																																			

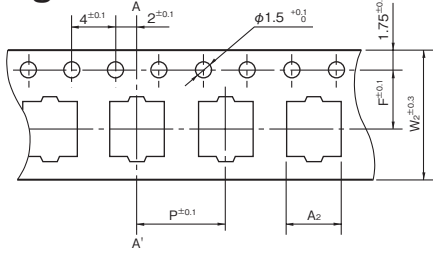
※2 副记号: 请确认各系列的页面。
Option : Please confirm each series page.

※3 引线加工记号: 请参照编带规格及引线加工规格的项目。
Lead Forming : Please refer to TAPING SPECIFICATIONS and LEAD CUTTING FORMING SPECIFICATIONS.

对象 object:贴片型电容器 Chip type capacitors

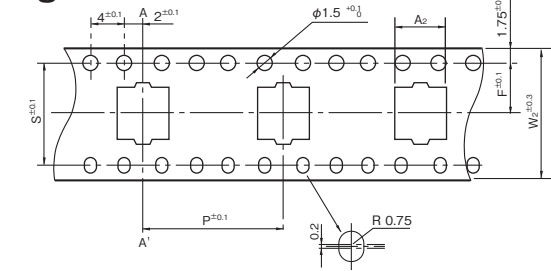
◆编带规格/TAPING DIMENSIONS

Fig.1



A-A' 断面
Cross section of A-A'

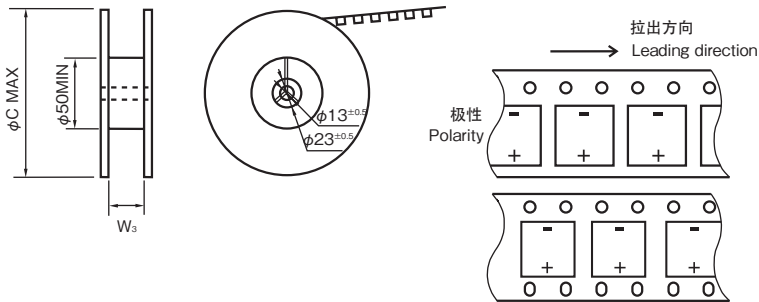
Fig.2



A-A' 断面
Cross section of A-A'

尺寸 Size	W ₂ (mm)	A ₂ (mm)	B ₂ (mm)	P (mm)	t ₂ (mm)	F (mm)	t ₁ (mm)	S (mm)	形状 Applicable
φ4×6.1	12.0	4.7	4.7	8	6.2	5.5	0.4	—	Fig.1
φ5×6.1	12.0	5.7	5.7	12	6.2	5.5	0.4	—	
φ6.3×6.1	16.0	7.0	7.0	12	6.2	7.5	0.4	—	
φ6.3×8	16.0	7.0	7.0	12	8.2	7.5	0.4	—	
φ8×6.5	16.0	8.7	8.7	12	6.8	7.5	0.4	—	
φ8×10.5	24.0	8.7	8.7	16	11.0	11.5	0.4	—	
φ10×10.5	24.0	10.7	10.7	16	11.0	11.5	0.4	—	Fig.2
φ12.5×13.5	32.0	13.4	13.4	24	14.4	14.2	0.5	28.4	
φ12.5×16	32.0	13.4	13.4	24	16.3	14.2	0.5	28.4	
φ16×16.5	44.0	17.5	17.5	28	17.4	20.2	0.5	40.4	
φ16×21.5	44.0	17.5	17.5	28	22.4	20.2	0.5	40.4	
φ18×16.5	44.0	19.5	19.5	32	17.4	20.2	0.5	40.4	
φ18×21.5	44.0	19.5	19.5	32	22.4	20.2	0.5	40.4	

◆卷筒/TAPING REEL AND PACKING QUANTITY



根据您的需求, 也可以为您提供可再用式的卷筒。
关于配售和回收, 请另行咨询。

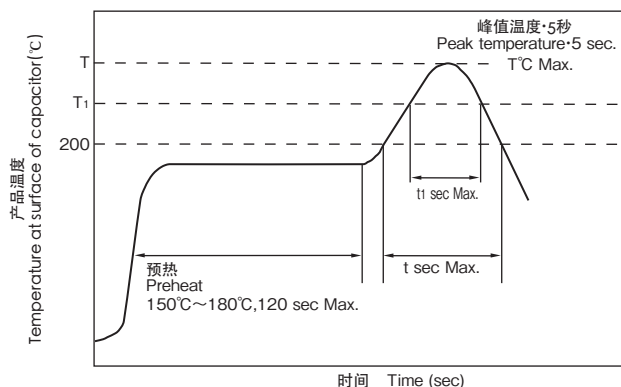
Reuseable reels are available according to your request.
Please consult in regard to establishing supply and withdrawal system.

尺寸 Size (mm)	W ₃ (mm)	φC (mm)	1卷筒数量 Q'ty (pcs/reel)	标准外箱包装单位 Standard Shipping Carton Quantity (pcs/Box)
φ4×6.1	14	382	2,000	10,000
φ5×6.1	14	382	1,000	5,000
φ6.3×6.1	18	382	1,000	5,000
φ6.3×8	18	382	900	4,500
φ8×6.5	18	382	1,000	5,000
φ8×10.5	26	382	500	2,000
φ10×10.5	26	382	500	2,000
φ12.5×13.5	34	332	200	600
φ12.5×16	34	332	150	450
φ16×16.5, φ18×16.5	46	332	125	250
φ16×21.5, φ18×21.5	46	332	75	150

◆无铅型回流焊允许条件／LEAD FREE TYPE REFLOW SOLDERING CONDITION

●铝壳尺寸 $\phi 4 \sim \phi 10$ mm品 Size $\phi 4 \sim \phi 10$

- 1) 电容器表面温度在 $T^{\circ}\text{C}$ 以下。
Temperature at surface of capacitor shall not exceed $T^{\circ}\text{C}$.
- 2) 电容器表面温度在 200°C 以上的时间不能超过 t 秒, $T_1^{\circ}\text{C}$ 以上的时间不可超过 t_1 秒。
Period that temperature at surface of capacitor becomes more than 200°C and $T_1^{\circ}\text{C}$ shall not exceed t and t_1 seconds, respectively.
- 3) 预热控制在 $150^{\circ}\text{C} \sim 180^{\circ}\text{C}$, 120秒以内。
Preheat shall be made at $150^{\circ}\text{C} \sim 180^{\circ}\text{C}$ and for maximum 120 seconds.



Series	Size	Rated Voltage	T(°C) ①	T ₁ (°C)	t(sec) ②	t ₁ (sec) ③	Reflow Cycle
SEV SKV SGV TKV TPV TLV TRV TXV THV TGV	φ4~φ6.3	≤50Vdc	250	230	70	30	2
	φ8	≤100Vdc	245	230	70	30	2
	φ10		240	230	60	30	2
	φ8,10	≥160Vdc	240	230	50	20	2
	SJV SLV	φ4~φ6.3	≤50Vdc	240	220	60	40
JGV JZV	φ4~φ6.3	≤50Vdc	260	217	—	60	2
	φ8,φ10		250	217	—	60	2

①峰值温度 Peak temperature

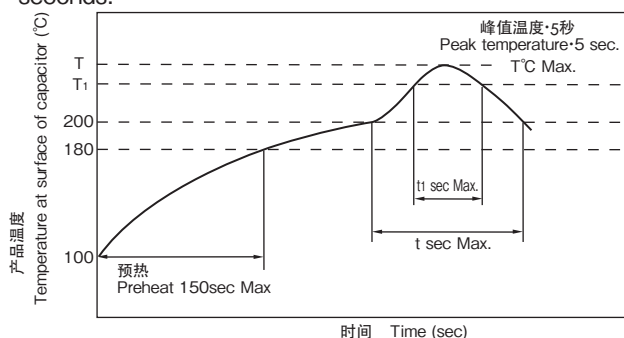
②超过 200°C 的时间〈MAX〉 Time more than 200°C

③超过 T_1 的时间〈MAX〉 Time more than T_1

※出现超过允许条件的情况, 请联系我们。
Please contact us if the condition is over the maximum.

●铝壳尺寸 $\phi 12.5 \sim \phi 18$ mm品 Size $\phi 12.5 \sim \phi 18$

- 1) 电容器表面温度在 $T^{\circ}\text{C}$ 以下。Temperature at surface of capacitor shall not exceed $T^{\circ}\text{C}$.
- 2) 电容器表面温度在 200°C 以上的时间不能超过 t 秒, $T_1^{\circ}\text{C}$ 以上的时间不可超过 t_1 秒。
Period that temperature at surface of capacitor becomes more than 200°C and $T_1^{\circ}\text{C}$ shall not exceed t and t_1 seconds, respectively.
- 3) 预热控制在 $100^{\circ}\text{C} \sim 180^{\circ}\text{C}$, 150秒以内。
Preheat shall be made at $100^{\circ}\text{C} \sim 180^{\circ}\text{C}$ and for maximum 150 seconds.



Series	Size	Rated Voltage	T(°C) ①	T ₁ (°C)	t(sec) ②	t ₁ (sec) ③	Reflow cycle
SEV SKV SGV	$\phi 12.5 \sim \phi 18$	$\leq 50\text{Vdc}$	240	230	60	30	2
TLV		63Vdc	240	230	50	20	2
TRV		100Vdc	240	230	50	20	2
TGV		$\geq 160\text{Vdc}$	230	220	50	20	2

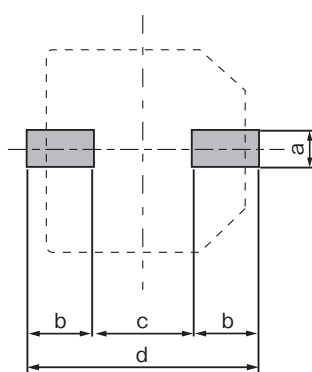
①峰值温度 Peak temperature

②超过 200°C 的时间〈MAX〉 Time more than 200°C

③超过 T_1 的时间〈MAX〉 Time more than T_1

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◆推荐焊盘尺寸／RECOMMENDED LAND SIZE



尺寸 Size	a	b	c	d
$\phi 4$	1.6	2.6	1.0	6.2
$\phi 5$	1.6	3.0	1.4	7.4
$\phi 6.3$	1.6	3.5	2.1	9.1
$\phi 8 \times 6.5$	1.6	4.5	2.1	11.1
$\phi 8 \times 10.5$	2.2	4.1	3.0	11.2
$\phi 10 \times 10.5$	2.2	4.3	4.5	13.1
$\phi 12.5$	2.5	6.0	5.0	17
$\phi 16$	3	6.5	8.0	21
$\phi 18$	3	7.5	8.0	23

◆带辅助端子的抗振结构产品

Vibration proof packages with the supporting terminal

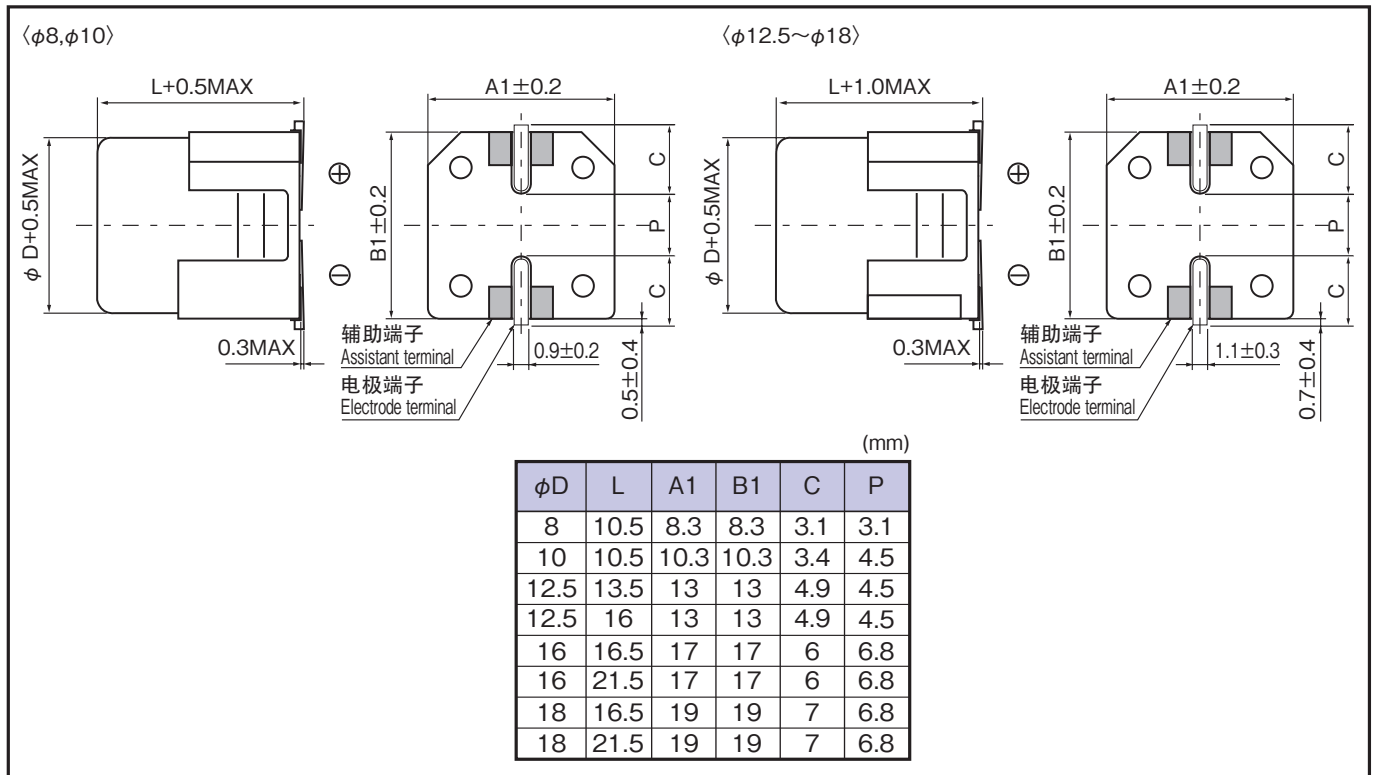
- 对于外壳尺寸在 $\phi 8$ 以上的贴片型电容器, 带有抗振结构
For chip Aluminum electrolytic capacitors more than case size $\phi 8$, vibration proof packages supports.



◆产品型号体系 / PART NUMBER

□□□	□□□	□□□□□	□	□□□	VB	D×L
额定电压 Rated Voltage	系列名称 Series	静电容量 Capacitance	静电容量允许差 Capacitance Tolerance	副记号 Option	抗振产品记号 Vibration proof package No.	铝壳尺寸 Case Size

◆尺寸图 / DIMENSIONS



◆推荐焊盘尺寸 / RECOMMENDED LAND SIZE

