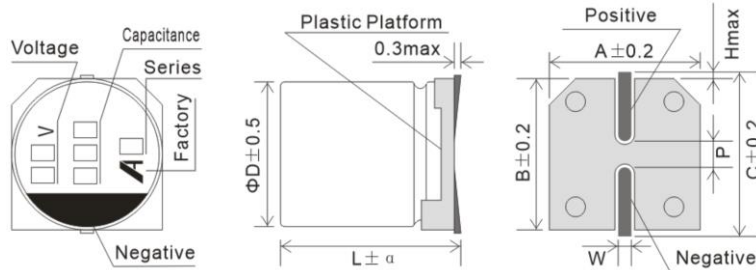


■ Description 产品描述:

Al-Ecap, 330uF, 6.3v,  $\pm 20\%$ , D6.3H7.7mm, 2000Hrs@105°C, -55~+105°C, SMD.

■ Dimension & Marking 印刷及尺寸:

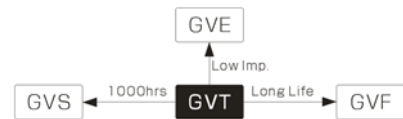


Items Case	A	B	C	D	P	L	$\alpha$	W	H
$\phi 6.3 \times 7.7$	6.6	6.6	7.3	6.3	2.0	7.7	$\pm 0.3$	0.5~0.8	0.5max.

■ Features 特长/用途:

- 105°C, 2,000 hours assured 宽温长寿命
- Designed for surface mounting on high density PC board 适合高密度表面安装

■ Serie Expansion 系列拓展



Items 项目	Performance 性能				
Rated Voltage 额定电压( $V_R$ )	6.3 V				
Capacitance 额定容量( $C_R$ )	330 uF (120Hz, 20°C)				
Category Temperature Range 类别温度范围	-55°C ~ +105°C				
Capacitance Tolerance 容量误差	-20% ~ +20% (120Hz, 20°C)				
Surge Voltage 浪涌电压( $V_S$ )	7.25 V <sub>DC</sub>				
Leakage Current 泄漏电流( $I_{LC}$ )	$I_{LC} \leq 20.79 \mu A$ After 2 minutes				
Dissipation Factor (Tan $\delta$ ) 损失角正切值	$\leq 0.30$ (120Hz, 20°C)				
Ripple Current 纹波电流( $I_{RC, rms}$ )	105 mA (120Hz, 105°C)				
Low Temperature Characteristics 温度特性(120Hz)	Impedance ratio 阻抗比(Max.)	$Z_{(-25^\circ C)} / Z_{(+20^\circ C)}$	5		
		$Z_{(-55^\circ C)} / Z_{(+20^\circ C)}$	10		
Endurance and Shelf Life 耐久性及高温无负荷特性	Items 项目	Endurance 耐久性	Shelf Life Test 高温无负荷		
	Test Time 测试时长	2,000 Hrs at 105°C; $V_R$	1,000 Hrs at 105°C		
	Cap. Change 容量变化率	Within $\pm 30\%$ of initial Value $\leq$ 初始值的 $\pm 30\%$	Within $\pm 30\%$ of initial Value $\leq$ 初始值的 $\pm 30\%$		
	Tan $\delta$ 损失角正切值	Less than 300% of specified Value $\leq$ 初始规格值的 $\pm 300\%$	Less than 300% of specified Value $\leq$ 初始规格值的 $\pm 300\%$		
Leakage Current 漏电流	Whitin specified Value $\leq$ 初始规格值	Whitin specified Value $\leq$ 初始规格值			
Ripple Current and Frequency Multipliers 纹波电流频率系数	Frequency (Hz)	50, 60	120	1k	10k up
	Multiplier	0.80	1.00	1.20	1.30
Standards 参考标准	JIS C 5101-1, -18, IEC 60384-4				
Remarks 附注	RoHS Compliance, Halogen-free				

\* Please refer to "Precautions and Guidelines for Aluminum Electrolytic Capacitors" section in catalog for further details 详细信息请参阅目录中的“铝电解电容器注意事项和指南”

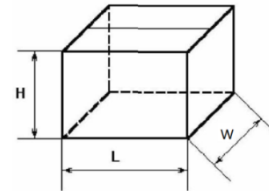
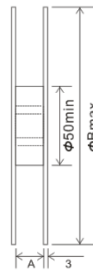
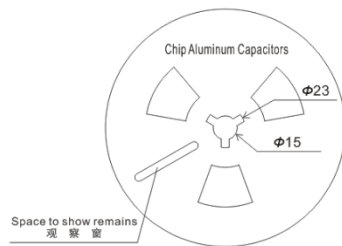
Publication Date 发行日期	2022-02-15	Approved 批准	Checked 复核	Designed 设计
Revision Date 修订日期				
Version No.	1.0			
			Lei Yang	Chao Yu

### ■ Taping Specifications 编带规格:



Case 尺寸	W (mm)	W1 (mm)	F (mm)	P (mm)	P1 (mm)	P2 (mm)	A (mm)	B (mm)	t1 (mm)	t2 (mm)
Tolerance 误差	±0.3	±0.15	±0.1	±0.1	±0.1	±0.1	±0.2	±0.2	±0.1	±0.2
Φ6.3x7.7	16	1.75	7.5	12	2	4	7	7	0.4	8.3

### ■ Park 包装:



Case 产品尺寸	Reel 卷装数量	Box 盒装数量	A±0.3(mm)	B±2(mm)	Box size 外箱尺寸(L*W*H)
Φ6.3x7.7	1000	10000	18	382	395x235x395

### ■ Soldering Conditions 焊接条件:

- The following conditions are recommended for air convection and infrared reflow soldering on the SMD products onto a glass epoxy circuit boards by cream solder. The temperatures shown are the surface temperature values on the top of the can and on the capacitor terminals. 当使用回流焊，在玻璃环氧树脂基板上进行焊接的时候，产品顶部及端子部分温度，时间的推荐范围如下表所示。
- Reflow should be performed twice or less 推荐回流次数不超过 2 次。
- Please ensure that the capacitor became cold enough to the room temperature (5 to 35°C) before the second reflow. 请在第 1 次回流之后，必须确保电容器的温度已经完全冷却到室温(5~35°C)后方可进行第 2 次回流。



#### Note 备注:

- Average ramp-up rate is 5°C/second max  
温度上升平均每秒钟最多 5°C;
- Ramp-down rate is 6°C/second max  
温度下降平均每秒钟最多 6°C;
- Time from 25°C to peak temperature is 6 minutes max.  
从 25°C 上升到峰值温度的时间最多 6 分钟;

Category 类别	Time maintained above 200°C (T1) 200°C 以上时间	Time maintained above 217°C (T2) 217°C 以上时间 (T2)	Time maintained above 230°C (T3) 230°C 以上时间 (T3)	Range of Peak 峰值范围		Reflow number 回流焊次数
				Temp 温度	Times 时间	
Φ6.3	105sec.	90 sec.	60 sec.	260°C Max.	5sec Max.	2 times or less

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Aluminium Electrolytic Capacitors - SMD category](#):*

*Click to view products by [ACMECON manufacturer](#):*

Other Similar products are found below :

[ULV2H4R7MNL1GS](#) [ULV2H1R8MNL1GS](#) [EMZA500ARA221MJA0G](#) [MAL214099813E3](#) [CA025M4R70REB-0405](#)  
[UCX1V471MNQ1MS](#) [10SVP120M](#) [DV100M050C055ETR](#) [RVJ-50V101MH10U-R](#) [AEH1012471M016R](#) [MAL213967339E3](#)  
[GVT1C337M0608CNVC](#) [EMK1EM331FB0D00R](#) [EMF1CM221FB0D00R](#) [EMF1CM331FB0D00R](#) [EMF1CM471FB0D00R](#)  
[EMK1JM101GB0D00R](#) [EMK1AM102GB0D00R](#) [EMK1HM221GB0D00R](#) [DV221M6R3E055ETR](#) [DV221M025E077ETR](#)  
[RV331M025F105ETR](#) [RVT1A101M0505](#) [GVZ1H101M0607](#) [CK1E100M0405](#) [GVM1E331M0607](#) [VT10UF100V167RV0127](#)  
[VT100UF16V167RV0124](#) [CS100UF35V167RV0155](#) [CK220UF16V167RV0142](#) [VT10UF16V167RV0128](#) [VT22UF35V167RV0131](#)  
[CS470UF10V167RV0150](#) [CK100UF16V167RV0138](#) [CK220UF10V167RV0141](#) [RVT330UF25V167RV0055](#) [VT470UF16V167RV0135](#)  
[CS100UF10V167RV0144](#) [126RV0017](#) [VT47UF35V167RV0137](#) [CS220UF35V167RV0148](#) [126RV0010](#) [126RV0009](#)  
[VT220UF25V167RV160](#) [VT220UF16V167RV0088](#) [126RV0012](#) [126RV0011](#) [126RV0013](#) [126RV0018](#) [126RV0008](#)