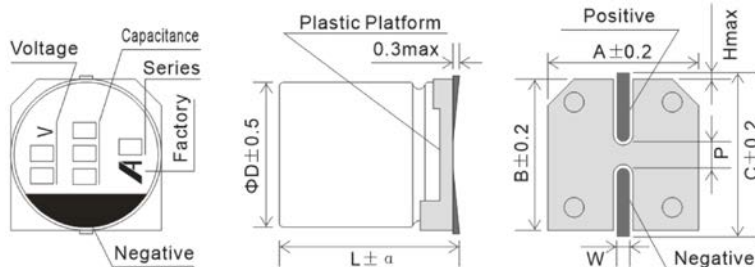


■ Description 产品描述:

Al-Ecap, 100uF, 25v, ±20%, D6.3H5.7mm, 2000Hrs@105°C, -55~+105°C, SMD.

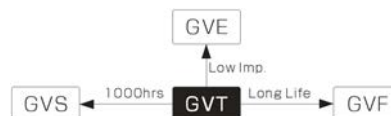
■ Dimension & Marking 印刷及尺寸:



■ 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	A	B	C	D	P	L	α	W	H
Case φ6.3x5.7	6.6	6.6	7.3	6.3	2.0	5.7	±0.3	0.5-0.8	0.5max.

Items 项目	Performance 性能				
Rated Voltage 额定电压(V _R)	25 V				
Capacitance 额定容量(C _R)	100 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)	28.8 V _{DC}				
Leakage Current 泄漏电流(I _{LC})	I _{LC} ≤ 25 uA After 2 minutes				
Dissipation Factor (Tanδ) 损失角正切值	≤ 0.18 (120Hz, 20°C)				
Ripple Current 纹波电流(I _{RC, rms})	72 mA (120Hz, 105°C)				
Low Temperature Characteristics 温度特性(120Hz)	Impedance ratio 阻抗比(Max.)	Z _(-25°C) / Z _(+20°C)	2		
		Z _(-55°C) / Z _(+20°C)	4		
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 ±20% of initial Value ≤ 初始值的±20%	Within ±20% of initial Value ≤ 初始值的±20%		
	Tanδ 损失角正切值	Less than 200% of specified Value ≤ 初始规格值的±200%	Less than 200% of specified Value ≤ 初始规格值的±200%		
Leakage Current 漏电流	Whitin specified Value ≤ 初始规格值	Whitin specified Value ≤ 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				
		2022	Lei Yang	Chao Yu

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 [HRK manufacturer](#):

Other Similar products are found below :

[ULV2H4R7MNL1GS](#) [ULV2H1R8MNL1GS](#) [EMZA500ARA221MJA0G](#) [MAL214099813E3](#) [CA025M4R70REB-0405](#)

[UCX1V471MNQ1MS](#) [10SVP120M](#) [DV100M050C055ETR](#) [RVJ-50V101MH10U-R](#) [AEH1012471M016R](#) [MAL213967339E3](#)

[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](#) [126RV0015](#)