

■ Description 产品描述:

Al-Ecap, 1000uF, 10v, ±20%, D10H10.5mm, 2000Hrs@105°C, -55~+105°C, SMD.

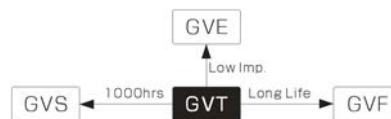
■ Dimension & Marking 印刷及尺寸:



■ 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 φ10x10.5	10.3	10.3	11	10.0	4.7	10.5	±0.5	0.8~1.1	0.5max.

Items 项目	Performance 性能				
Rated Voltage 额定电压(V <sub>R</sub> )	10 V				
Capacitance 额定容量(C <sub>R</sub> )	1000 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 <sub>S</sub> )	11.5 V <sub>DC</sub>				
Leakage Current 泄漏电流(I <sub>LC</sub> )	I <sub>LC</sub> ≤ 100 uA After 2 minutes				
Dissipation Factor (Tanδ) 损失角正切值	≤ 0.24 (120Hz, 20°C)				
Ripple Current 纹波电流(I <sub>RC, rms</sub> )	315 mA (120Hz, 105°C)				
Low Temperature Characteristics 温度特性(120Hz)	Impedance ratio 阻抗比(Max.)	Z <sub>(-25°C)</sub> / Z <sub>(+20°C)</sub>	4		
		Z <sub>(-55°C)</sub> / Z <sub>(+20°C)</sub>	8		
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 <sub>R</sub>	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			



## 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 :

[EEV-FK1E332W](#) [ULV2H1R8MNL1GS](#) [MAL214099813E3](#) [CA025M4R70REB-0405](#) [HUB1800-S](#) [34610](#) [RYK-50V101MG5TT-FL](#)  
[107AXZ016MQ5](#) [RVJ-50V101MH10U-R](#) [EMVH101GRA221MMN0S](#) [MAL214097402E3](#) [MAL215375471E3](#) [MAL224699909E3](#)  
[MAL224699813E3](#) [MAL215099017E3](#) [MAL215099818E3](#) [AEH1010331M025R](#) [AEA1010102M016R](#) [AEH1012471M016R](#)  
[MAL213967339E3](#) [ZSC00AF2211EARL](#) [VB1E100MB054000CE0](#) [RST22UF50V026](#) [RST100UF25V004](#) [RST47UF25V035](#)  
[RST100UF16V003](#) [RST10UF50V016](#) [RST220UF10V018](#) [RST47UF25V036](#) [RVT10UF50V34RV0011](#) [RST22UF16V024](#)  
[RVT220UF25V67RV0093](#) [RVT330UF35V67RV0163](#) [XT470UF10V90RV0079](#) [VD4.7UF400V90RV0093](#) [VD4.7UF400V90RV0094](#)  
[FZ470UF25V90RV0113](#) [CK1A221M-CRE54](#) [CS1E101M-CRE77](#) [CS1C470M-CRD54](#) [CS1H220M-CRE54](#) [CS1E470M-CRE54](#)  
[CS1C101M-CRE54](#) [CS1A101M-CRD54](#) [CS1H100M-CRD54](#) [CS1E220M-CRD54](#) [CS1V220M-CRD54](#) [HY1H3R3MC040054MEO](#)  
[GVT1H476M0608CNVC](#) [GVE1V226M0506CNVC](#)