

■ Description 产品描述:

Al-Ecap, 470uF, 25v, ±20%, D10H10.5mm, 2000Hrs@105°C, -55~+105°C, SMD.

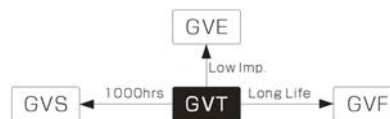
■ Dimension & Marking 印刷及尺寸:



■ 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 _R)	25 V				
Capacitance 额定容量(C _R)	470 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} ≤ 117.5 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})	280 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			

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](#) [RVT1000UF10V34RV0081](#) [XT100UF50V90RV0067](#)
[RVE100UF16V67RV0046](#) [XT47UF50V90RV0082](#) [XT22UF50V90RV0083](#) [RST22UF50V026](#) [RST100UF25V004](#) [RST47UF25V035](#)
[XT10UF25V90RV0068](#) [FZ100UF50V90RV0066](#) [RST100UF16V003](#) [XT100UF10V90RV0060](#) [XT100UF16V90RV0061](#)
[XT100UF35V90RV0065](#) [FZ100UF35V90RV0064](#) [XT100UF25V90RV0062](#) [XT220UF10V90RV0073](#) [XT220UF35V90RV0076](#)
[XT47UF35V90RV0081](#) [RST10UF50V016](#) [RST220UF10V018](#) [XT100UF16V90RV0074](#) [RST47UF25V036](#) [RVT10UF50V34RV0011](#)
[FZ100UF25V90RV0063](#) [LZ220UF35V90RV0077](#) [XT10UF50V90RV0071](#) [XT470UF35V90RV0080](#)