

P/N:

GVT1V476M0606CNVC

## PRODUCT DATA SHEET

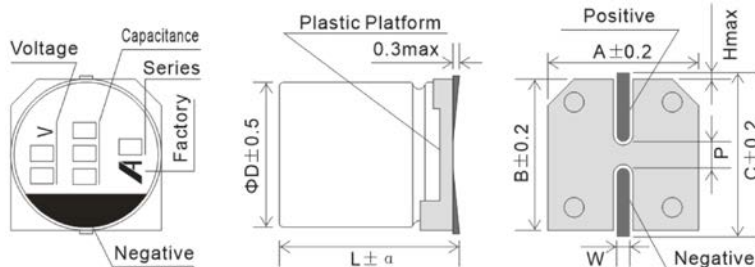
GVT, 35v, 47uF, 6.3x5.7

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■ Description 产品描述:

Al-Ecap, 47uF, 35v, ±20%, D6.3H5.7mm, 2000Hrs@105°C, -55~+105°C, SMD.

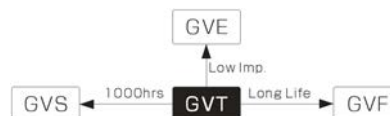
■ Dimension & Marking 印刷及尺寸:



■ 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	$\alpha$	W	H
Case $\phi 6.3 \times 5.7$	6.6	6.6	7.3	6.3	2.0	5.7	$\pm 0.3$	0.5-0.8	0.5max.

Items 项目	Performance 性能			
Rated Voltage 额定电压( $V_R$ )	35 V			
Capacitance 额定容量( $C_R$ )	47 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( $V_S$ )	40.3 V <sub>DC</sub>			
Leakage Current 泄漏电流( $I_{LC}$ )	$I_{LC} \leq 16.4 \mu A$ After 2 minutes			
Dissipation Factor (Tan $\delta$ ) 损失角正切值	$\leq 0.16$ (120Hz, 20°C)			
Ripple Current 纹波电流( $I_{RC, rms}$ )	50 mA (120Hz, 105°C)			
Low Temperature Characteristics 温度特性(120Hz)	Impedance ratio 阻抗比(Max.)	$Z_{(-25^\circ C)} / Z_{(+20^\circ C)}$	2	
		$Z_{(-55^\circ C)} / Z_{(+20^\circ C)}$	3	
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 $\pm 20\%$ of initial Value $\leq$ 初始值的 $\pm 20\%$	Within $\pm 20\%$ of initial Value $\leq$ 初始值的 $\pm 20\%$	
	Tan $\delta$ 损失角正切值	Less than 200% of specified Value $\leq$ 初始规格值的 $\pm 200\%$	Less than 200% of specified Value $\leq$ 初始规格值的 $\pm 200\%$	
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
	Multiplier	0.70	1.00	1.35
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”

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Approved

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复核

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