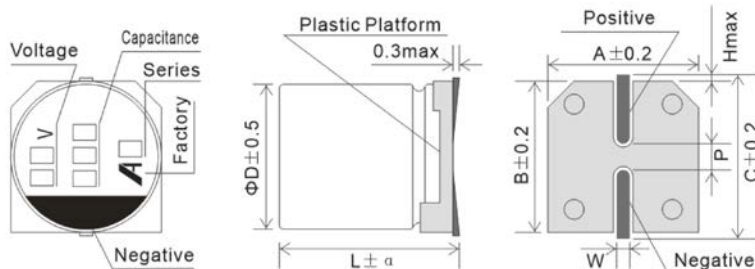


■ Description 产品描述:

Al-Ecap, 47uF, 100v, ±20%, D10H10.5mm, 2000Hrs@105°C, -55~+105°C, SMD.

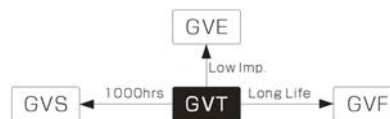
■ Dimension & Marking 印刷及尺寸:



■ 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<br>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> )               | 100 V                                   |   |                                |   |        |
| Capacitance 额定容量(C <sub>R</sub> )                 | 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 <sub>S</sub> )               | 115 V <sub>DC</sub>                     |   |                                |   |        |
| Leakage Current 泄漏电流(I <sub>LC</sub> )            | I <sub>LC</sub> ≤ 47 uA After 2 minutes |   |                                |   |        |
| Dissipation Factor (Tanδ) 损失角正切值                  | ≤ 0.14 (120Hz, 20°C)                    |   |                                |   |        |
| Ripple Current 纹波电流(I <sub>RC, rms</sub> )        | 140 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>      | 2                              |   |        |
|   |   | Z <sub>(-55°C)</sub> /Z <sub>(+20°C)</sub>      | 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 <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                              | 0.70  | 1.00                           | 1.35  | 1.50   |
| 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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