

HCAK55H型，双85THB，高可靠性系列

有失效率等级的片式高分子固体电解质钽电容器

HCAK55H High Reliability, Ultra Low ESR,
Polymer Electrolytic Tantalum Capacitors (THB Series)

特征与用途

- 树脂模压封装、密封性好、片式、体积小、重量轻、有极性;
- 电性能优良稳定、可靠性高、贮存稳定性好;
- 导电高分子聚合物电解质、超低ESR(等效串联电阻)、高频容量保持、耐大纹波电流;
- 高击穿电压;
- 良性失效模式;
- 适用于飞行器、车辆、船舶、雷达、电子、通讯等领域有可靠性要求的电子设备表面贴装直流或脉动电路;
- 新增可选双85产品: 采用新技术, 产品在保持原有性能基础上, 具有在高温高湿下长时间(85℃、85%RH、1000h)贮存和工作的能力。
- 执行标准: GJB2283-95、QJ/PWV502-2012
- 注: 选购双85产品时, 请在订货合同备注中注明“双85”字样



Features and Applications

- Resin molded package, excellent sealing, chip-type, compact size, lightweight, polarized;
- Superior and stable electrical performance, high reliability, excellent storage stability;
- Conductive polymer electrolyte, ultra-low ESR (Equivalent Series Resistance), High frequency capacitance retention, high ripple current;
- High breakdown voltage;
- 100% accelerated steady state aging;
- 100% surge current tested;
- Suitable for high reliability circuit in aircraft, vehicles, ships, radar, electronics, communications, and other military fields;
- THB requirement available on request; Utilizing new technology, improve long-term storage time and operation under high temperature and humidity (85°C, 85% RH, 1000 hours)
- Compliance military standards: GJB2283-95, QJ/PW/502-2012;
- Up screened options includes surge current testing of 10 cycles at +25°C and 10 cycles at -55°C/+85°C

◆How to order

<u>HCAK55H</u>	<u>V</u>	<u>476</u>	<u>M</u>	<u>010</u>	<u>R</u>	<u>0050</u>	<u>T</u>
↓	↓	↓	↓	↓	↓	↓	↓
<u>Type</u>	<u>Case Size</u>	<u>Capacitance code</u>	<u>Tolerance</u>	<u>Rated DC Voltage</u>	<u>Package</u>	<u>ESR in mΩ</u>	<u>THB Series</u>
HCAK55H	See size table	pF Code: 1st two digits represent significant figures 3rd digit represents multiplier (number of zeros to follow) 106 = 10uF 476 = 47uF	K: +/-10% M: +/-20%	Code 035: 35VDC 006 = 6.3VDC 010 = 10VDC 025 = 25VDC 035 = 35VDC 050 = 50VDC	R: Tape and Reel	Code 0050: 50mΩ 0050 = 50mΩ 0100 = 100mΩ 1000 = 1000 mΩ	T: THB Series