

Vishay Sprague

HI TMP[®] Solid Tantalum Surface Mount TANTAMOUNT[®]. Molded Case, - 55 °C to + 200 °C, Very High Temperature



PERFORMANCE/ELECTRICAL CHARACTERISTICS

Operating Temperature: - 55 °C to + 200 °C

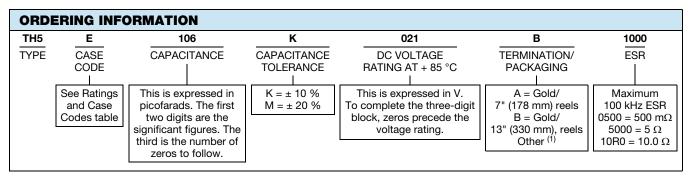
Note

• Refer to doc. 40088

FEATURES

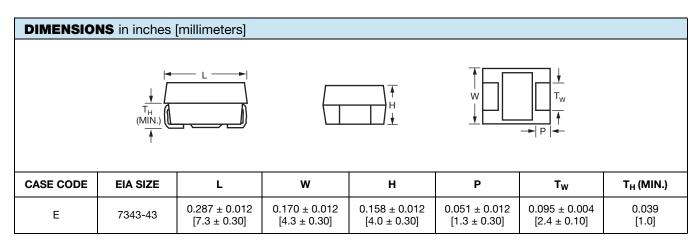
- Application voltage: 21 V at + 200 °C
- Operating temperature up to + 200 °C
- 500 h continuous operation at V_B
- · Gold plated terminations
- Standard EIA 535BAAC case size (E)
- 100 % surge current tested
- Compliant to RoHS Directive 2002/95/EC
- Moisture sensitivity level 1

Capacitance Range: 10 µF Capacitance Tolerance: ± 10 %, ± 20 % Voltage Rating: 21 V_{DC}



Note

⁽¹⁾ Other termination on request



Note

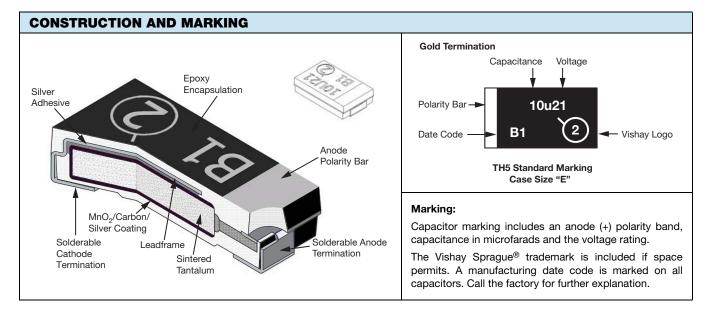
TH5 series, 21 V capacitors have been designed for, and tested at, 21 V at + 200 °C for 500 h. As with all Tantalum capacitors, reliability and life may be extended by lower applied voltage.



COMPLIANT



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STANDARD RATINGS							
CAPACITANCE (µF)	CASE CODE	PART NUMBER	MAX. DC LEAKAGE AT + 25 °C (μΑ)	TYPICAL DC LEAKAGE AT + 200 °C (μΑ)	MAX. DF AT + 25 °C (%)	MAX. ESR AT + 25 °C 100 kHz (Ω)	MAX. RIPPLE 100 kHz I _{RMS} (A)
21 V _{DC} AT + 200 °C							
10	E	TH5E106(1)021(2)1000	2.1	120	6	1.000	0.41

Note

Part number definitions:

(1) Capacitance tolerance codes: K, M

(2) Terminations and packaging: A, B

Note

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2



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