

TANTALUM CAPACITORS

HI-TMP® Solid Tantalum Surface-Mount Capacitors, TANTAMOUNT® Molded Case, - 55 °C to + 175 °C



KEY BENEFITS

- Operating temperature up to 175 °C with 50 % voltage derating
- Automotive grade: AEC-Q200 qualified
- High reliability and robust
- 100 % surge current tested
- Standard EIA 535BAAC case sizes (B, C, and D)
- SnPb, 100 % tin, solder plated, and gold-plated terminations available
- RoHS-compliant terminations available

APPLICATIONS

- Automotive
- Harsh environments
- Oil exploration and drilling systems
- Control and sensing systems
- Safety critical industrial tools and products
- High-temperature extended activity
- High-temperature engines
- Electronic sensors

RESOURCES

- Datasheet: TH4 http://www.vishay.com/doc?40152
- Tantalum product portfolio: http://www.vishay.com/capacitors/tantalum/
- Reliability calculator: <a href="http://www.vishay.com/capacitors/tantalum/capacitor tantalum-wet/tantalum-reliability-calculator-list/
- For technical questions, contact: tantalum@vishay.com
- Sales contacts: http://www.vishay.com/doc?99914
- Material categorization: For definition of compliance please see: http://www.vishay.com/doc?99912





One of the World's Largest Manufacturers of Discrete Semiconductors and Passive Components

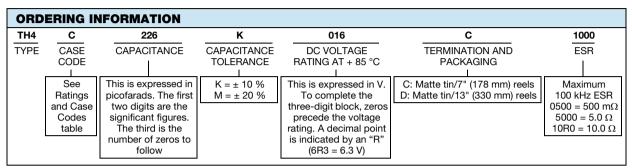


PRODUCT SHEET 1/2 VMN-PT0297-1208



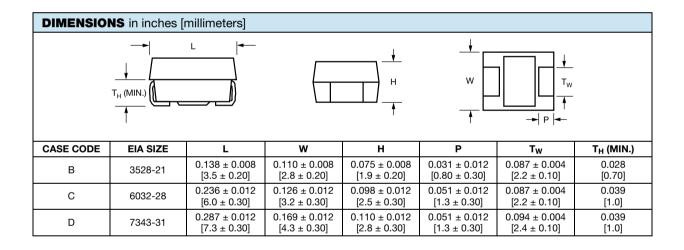


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Note

• We reserve the right to supply higher voltage ratings and tighter capacitance tolerance capacitors in the same case size. Voltage substitutions will be marked with the higher voltage rating.



12	RATINGS AND CASE CODES			
Jun	μF	6.3 V	10 V	16 V
: 27-	10	B (1.8)	B (1.8)	B (2.0)
sion:	22	B (1.5)	B (1.6) C (1.4)	B (1.9) C (1.4, 1.0) D (0.8, 0.6)
Revi	47	C (0.8)	C (0.5)	C (0.8) D (0.4, 0.7)