

# TM8 MICROTAN® High Reliability Tantalum Capacitors

## Medical Grade for Implantable and Non-Implantable Applications



### ADVANTAGE

Miniaturized design for space-constrained applications requiring high reliability.

### KEY PRODUCT FEATURES

- ✓ Manufactured in ISO 13485 certified facility
- ✓ Low DC leakage for extended battery life
- ✓ Footprint as small as 0402

### MARKETS AND APPLICATIONS



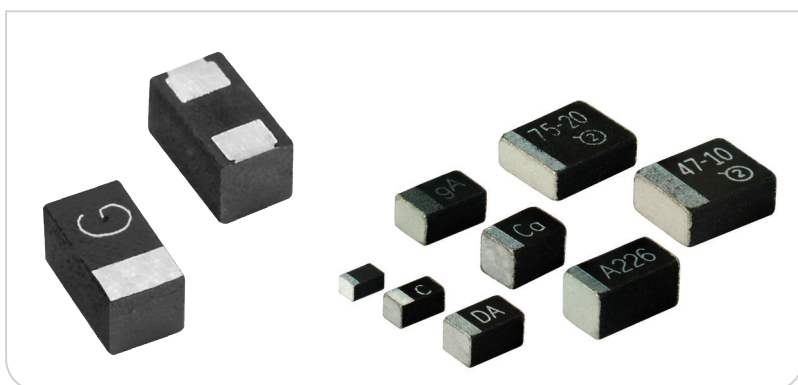
#### AMS

- Handheld devices
- Communication equipment
- Sensors
- Satellites



#### MEDICAL

- Implantable devices and sensors
- Handheld test equipment
- Hearing aids



### RESOURCES

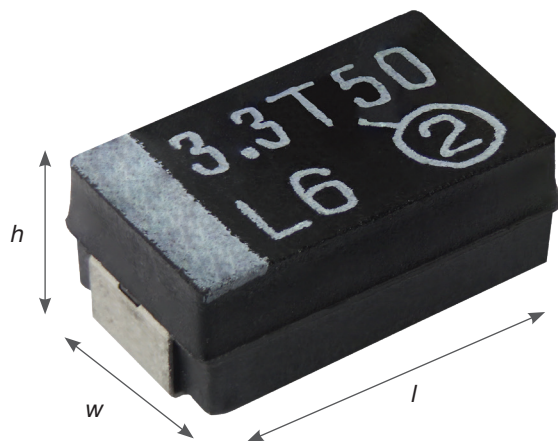




## ADDITIONAL BENEFITS

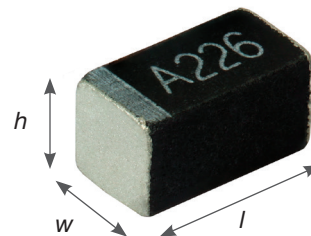
- Weibull grading options
- Surge current test options
- DCL up to 20x lower than polymer tantalum capacitors
- Energy density up to 5x higher than traditional molded tantalum capacitors

## MINIATURIZE YOUR DESIGN WITH MICROTAN<sup>®</sup>



9.2 mm<sup>3</sup>

**MICROTAN<sup>®</sup> technology  
is half the size of other  
SMD capacitors\***



4.2 mm<sup>3</sup>

*Comparison of 220  $\mu$ F, 4 V tantalum capacitors  
\*On average for ratings with the same capacitance and voltage, see datasheets for details*

Are you concerned about MLCC aging issues and seeking a capacitor with no wear-out mechanism for your high reliability applications? The TM8 series offers an ideal solution. [Contact us](#) today, and our experts will guide you in selecting the perfect TM8 for your needs.