

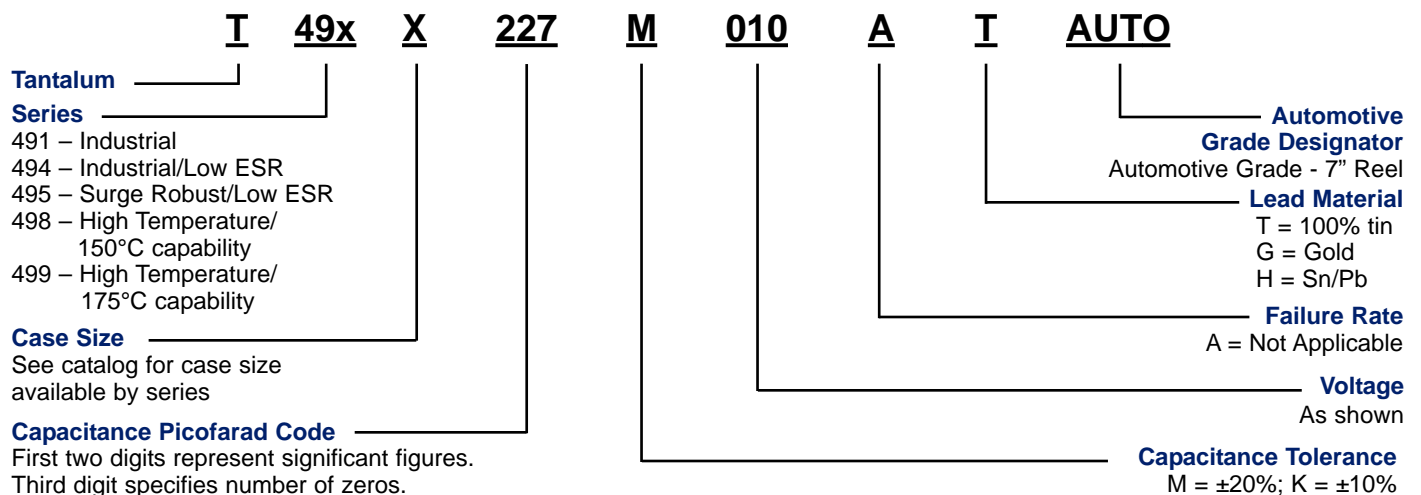
Automotive Tantalum Chip Series

KEMET manufactures the highest quality tantalum products for all customers using the best processes and materials. However, our Automotive customers continue to emphasize the vital nature of capacitors in automotive applications. Automotive applications can be mission critical, operate in harsh environments, and also are used in very high volumes in our customers' plants. While KEMET uses the same equipment and materials for automotive products and commercial products, we test and inspect automotive products under stricter criteria in recognition of the application conditions. In particular, our testing and inspection plans for both electrical and physical inspection are more stringent.

In addition, KEMET automotive products meet the demanding AEC-Q200 qualification requirements and all KEMET automotive products are manufactured in state of the art facilities recommended for registration to ISO/TS 16949:2002. KEMET automotive Tantalum Surface Mount products are available as RoHS compliant and KEMET is a participating member of the International Material Data System (IMDS). Visit the KEMET website, www.kemet.com, for KEMET's Green Product Roadmap.

How to Order

KEMET Tantalum Part Number Information



Automotive series is packaged in 8mm and 12mm plastic tape on 7" and 13" reels in accordance with EIA Std. 481-1.

ADDITIONAL AUTOMOTIVE PRODUCT INSPECTIONS AND TESTS

Each component receives the following additional screening:

1. X-ray Sample
2. Accelerated steady state aging
3. Expanded end-of-line certification testing (Physical and Electrical)

IMDS Address: www.mdssystem.com

Automotive Electronic Council: www.aecouncil.com



F3265C 08/07

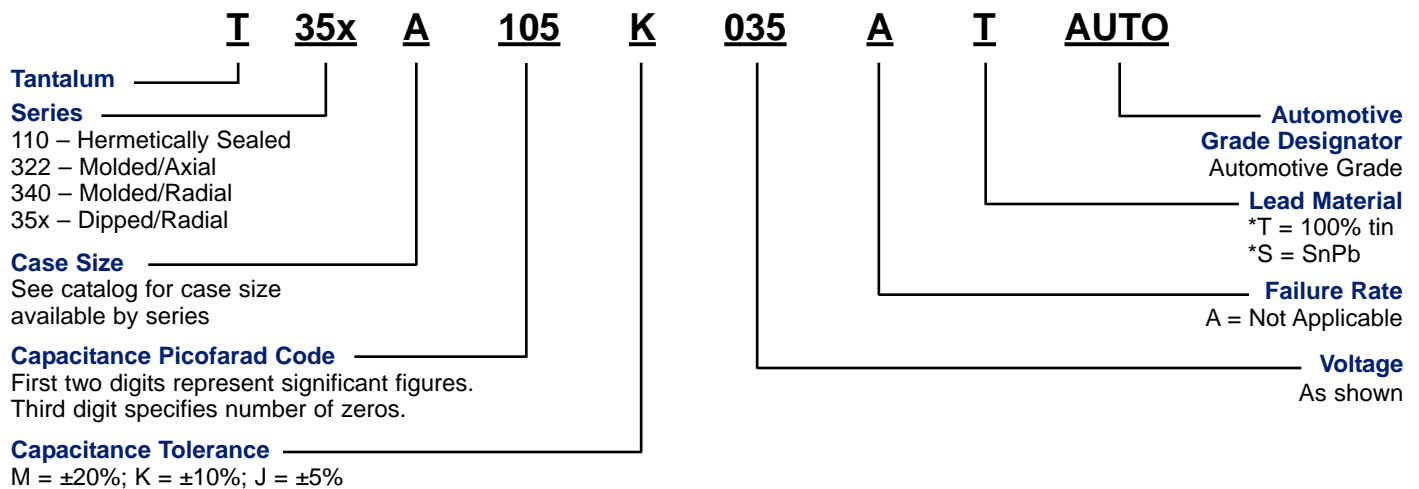
Automotive Tantalum Leaded Series

KEMET manufactures the highest quality tantalum products for its customers using the best processes and materials. However, our Automotive customers continue to emphasize the vital nature of capacitors in automotive applications. Automotive applications can be mission critical, operate in harsh environments, and also are used in very high volumes in our customers' plants. While KEMET uses the same equipment and materials for automotive products and commercial products, we test and inspect automotive products under stricter criteria in recognition of the application conditions. In particular, our testing and inspection plans for both electrical and physical inspection are more stringent.

In addition, KEMET automotive products meet the demanding AEC-Q200 qualification requirements and all KEMET automotive products are manufactured in state of the art facilities recommended for registration to ISO/TS 16949:2002. KEMET plans to release automotive Tantalum Leaded products that are RoHS compliant in early 2005. KEMET is a participating member of the International Material Data System (IMDS). Visit the KEMET website, www.kemet.com, for KEMET's Green Product Roadmap.

How to Order

KEMET Tantalum Part Number Information



* See www.kemet.com for Pb free transition.

Automotive series is packaged for automatic insertion or lead forming machines per EIA specification RS-296E and RS468.

ADDITIONAL AUTOMOTIVE PRODUCT INSPECTIONS AND TESTS

Each component receives the following additional screening:

1. Thermal Shock
2. Accelerated steady state aging
3. Expanded end-of-line certification testing (Physical and Electrical)

IMDS Address: www.mdssystem.com

Automotive Electronic Council: www.aecouncil.com

