

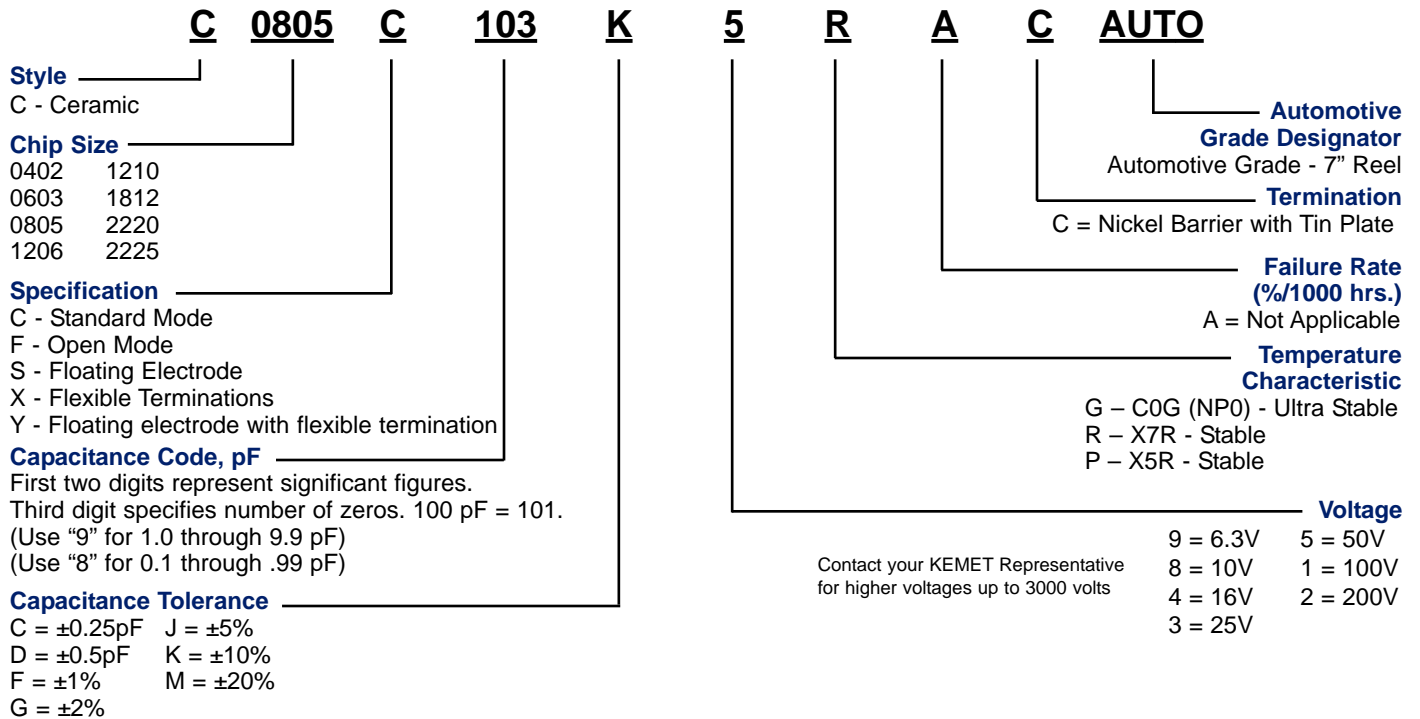
## Automotive MLCC Series

KEMET manufactures the highest quality MLCC 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 more closely under stricter criteria in recognition of the application conditions. In particular, our test 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 MLCC 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](http://www.kemet.com), for KEMET's Green Product Roadmap.

## How to Order

### KEMET Ceramic Chip Part Number Information



Contact your KEMET Representative for higher voltages up to 3000 volts

Automotive series is available in 7" and 13" paper or plastic embossed tape and reel packaging.

#### ADDITIONAL AUTOMOTIVE PRODUCT INSPECTIONS AND TESTS

1. Redundant Insulation Resistance (IR) testing.
2. Increased Sample sizes for physical and electrical inspections.
3. Increased sample sizes for Board Mount Testing (BMT). BMT test is performed according to EIA-198-2 Method 307.
4. Increased sample sizes for C-Mode Scanning Acoustical Microscopy (CSAM).

IMDS Address: [www.mdssystem.com](http://www.mdssystem.com)

Automotive Electronic Council: [www.aecouncil.com](http://www.aecouncil.com)



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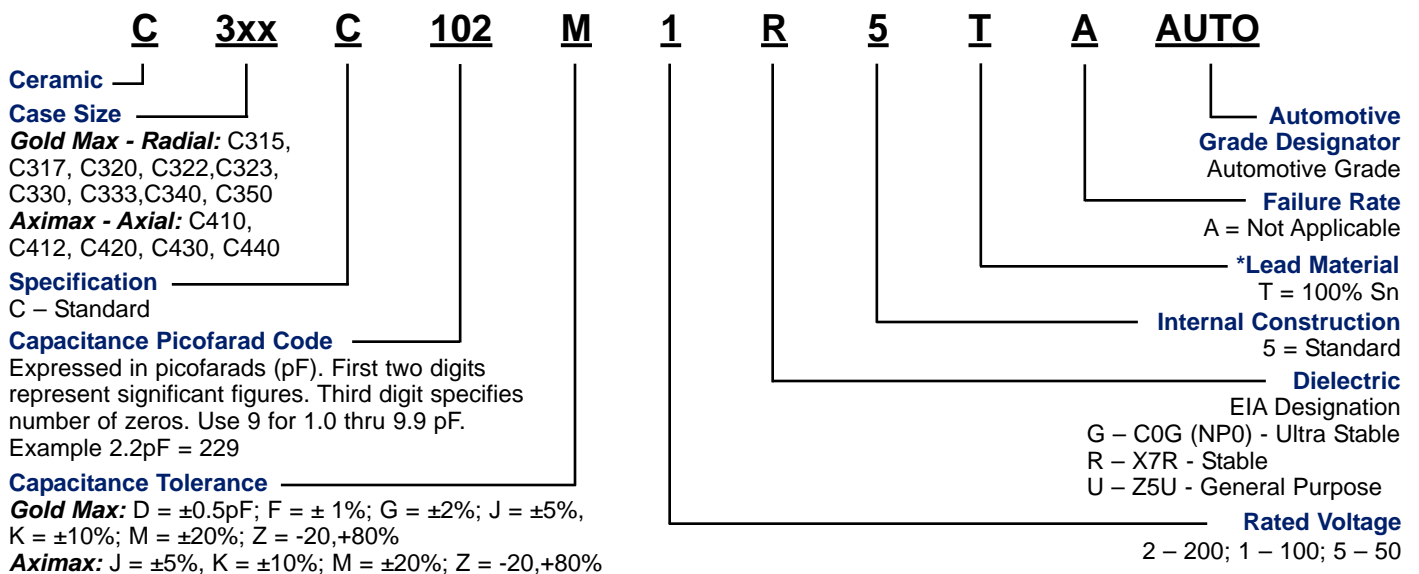
## Automotive Ceramic Leaded Series

KEMET manufactures the highest quality ceramic leaded 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. RoHS compliant KEMET ceramic leaded automotive products are available and KEMET is a participating member of the International Material Data System (IMDS). Visit the KEMET website, [www.kemet.com](http://www.kemet.com), for KEMET's Green Product Roadmap.

## How to Order

### KEMET Ceramic Part Number Information



\* See [www.kemet.com](http://www.kemet.com) for Pb free transition.

Automotive Gold Max and Aximax series are packaged for automatic insertion or lead forming machines per EIA specifications RS-468 and RS-296E, and in ammpack configuration.

#### ADDITIONAL AUTOMOTIVE PRODUCT INSPECTIONS AND TESTS

Each component receives the following additional screening:

1. Increased sample sizes for C-mode Scanning Acoustical Microscopy (CSAM)
2. Increased test voltage for Insulation Resistance testing
3. Increased sample sizes for physical and electrical inspections

IMDS Address: [www.mdssystem.com](http://www.mdssystem.com)

Automotive Electronic Council: [www.aecouncil.com](http://www.aecouncil.com)

