

# CGA8P3X7T2E105M250KA

TDK Item Description : CGA8P3X7T2E105MT\*\*\*\*\*

Equivalent C4532X7T2E105M for Automotive

## Application & Main Feature

Automotive Grade ( Mid Voltage (100 to 630V) )

## Series

CGA8(4532) [EIA CC1812]

## Dimensions

- L 4.50mm +/-0.4mm
- W 3.20mm +/-0.4mm
- T 2.50mm +/-0.3mm
- B 0.20mm Min.
- G

## Temperature Characteristic

X7T (-55 to 125 degC +22,-33%)

## Rated Voltage

2E (250Vdc)

## Capacitance

1uF

## Capacitance Tolerance

M (+/-20%)

## Dissipation Factor

2.5% Max.

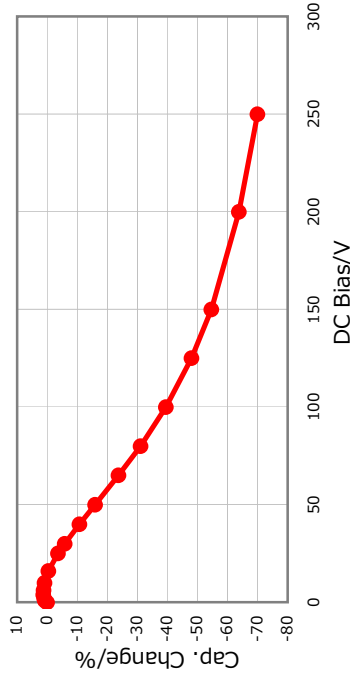
## Insulation Resistance

500Mohm Min.

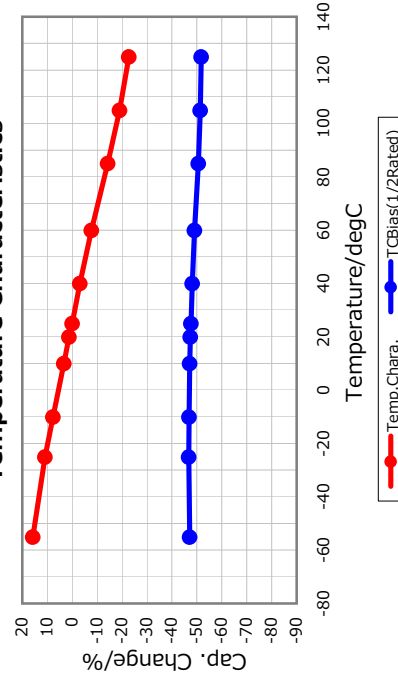
## AEC-Q200

Yes

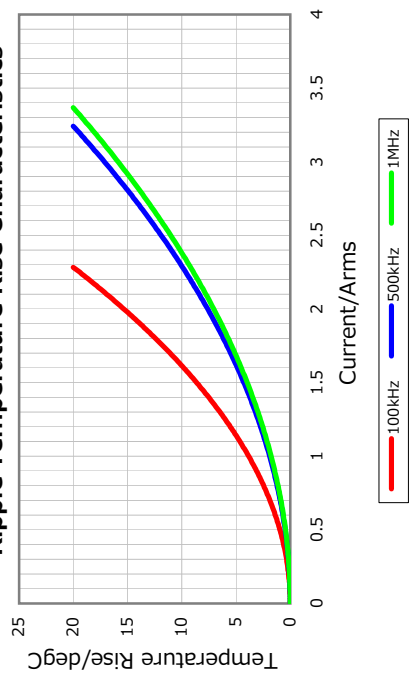
## DC Bias Characteristic



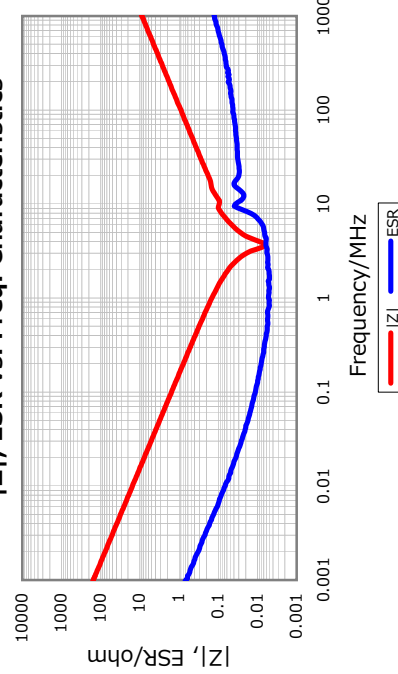
## Temperature Characteristics



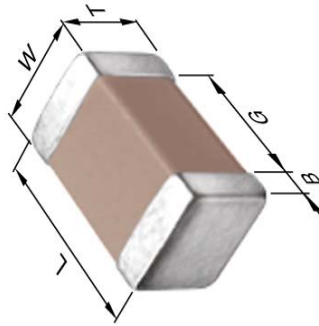
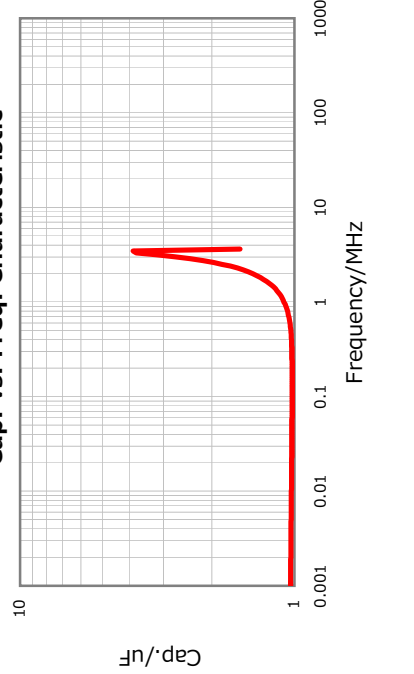
## Ripple Temperature Rise Characteristics



## |Z|, ESR vs. Freq. Characteristics



## Cap. vs. Freq. Characteristic



All specifications are subject to change without notice.

January 4, 2016