

# CGA4J4X7T2W223M125AA

TDK Item Description : CGA4J4X7T2W223MT\*\*\*\*



Equivalent C2012X7T2W223M for Automotive

## Application & Main Feature

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

## Series

CGA4(2012) [EIA CC0805]



## Dimensions

- L 2.00mm +/-0.2mm
- W 1.25mm +/-0.2mm
- T 1.25mm +/-0.2mm
- B 0.20mm Min.
- G 0.50mm Min.

## Temperature Characteristic

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

## Rated Voltage

2W (450Vdc)

## Capacitance

22nF

## Capacitance Tolerance

M (+/-20%)

## Dissipation Factor

2.5% Max.

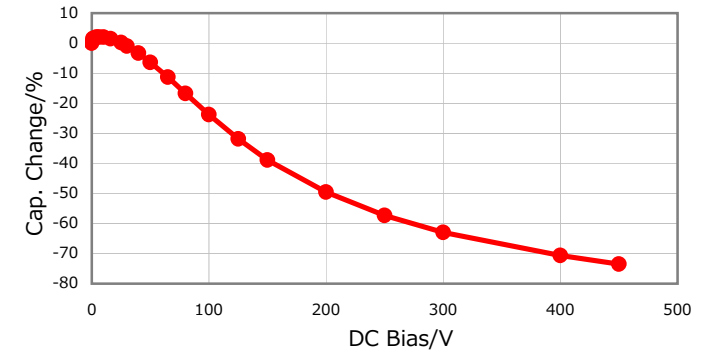
## Insulation Resistance

10Gohm Min.

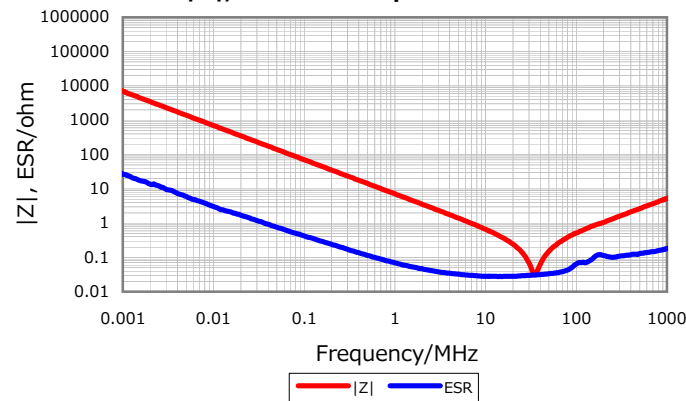
## AEC-Q200

Yes

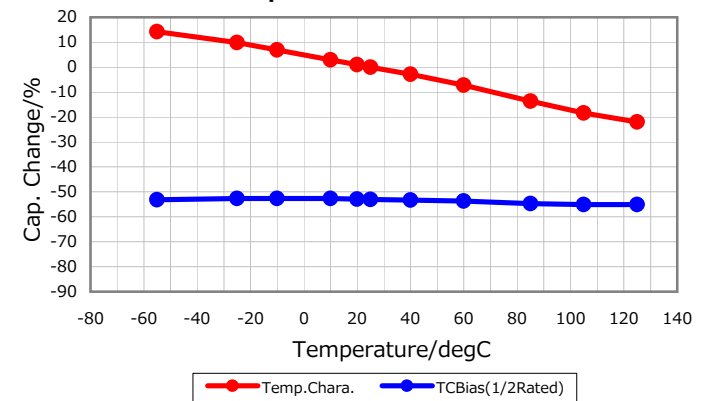
## DC Bias Characteristic



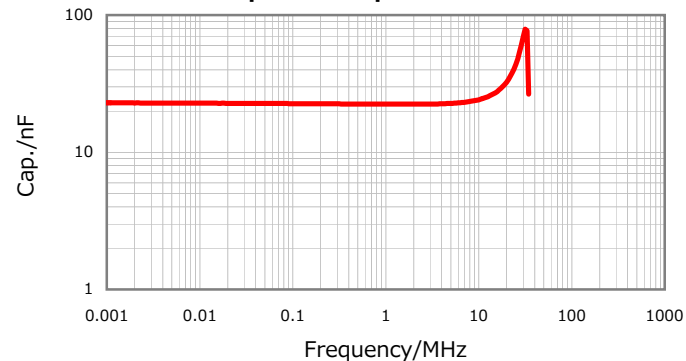
## |Z|, ESR vs. Freq. Characteristics



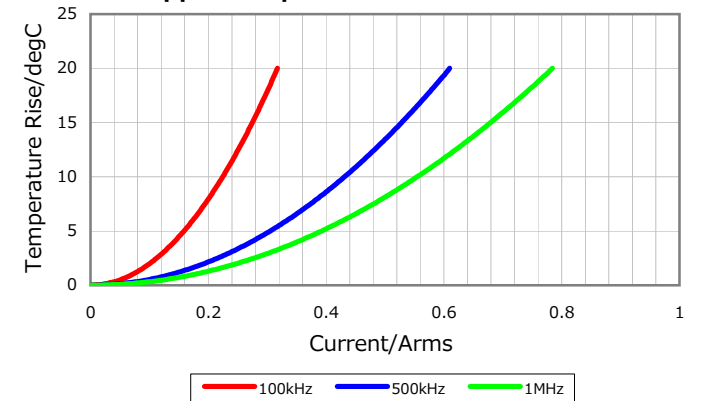
## Temperature Characteristics



## Cap. vs. Freq. Characteristic



## Ripple Temperature Rise Characteristics



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

January 4, 2016