

# CGA4J1X7R0J685K125AD

TDK Item Description : CGA4J1X7R0J685KT\*\*\*B



Equivalent C2012X7R0J685K for Automotive

## Application & Main Feature

Automotive Grade (Conductive Epoxy Application)

## Series

CGA4(2012) [EIA CC0805]



## Dimensions

- L 2.00mm +/-0.25mm
- W 1.25mm +/-0.25mm
- T 1.25mm +/-0.25mm
- B 0.20mm Min.
- G 0.50mm Min.

## Temperature Characteristic

X7R (-55 to 125 degC +/-15%)

## Rated Voltage

0J (6.3Vdc)

## Capacitance

6.8uF

## Capacitance Tolerance

K (+/-10%)

## Dissipation Factor

10% Max.

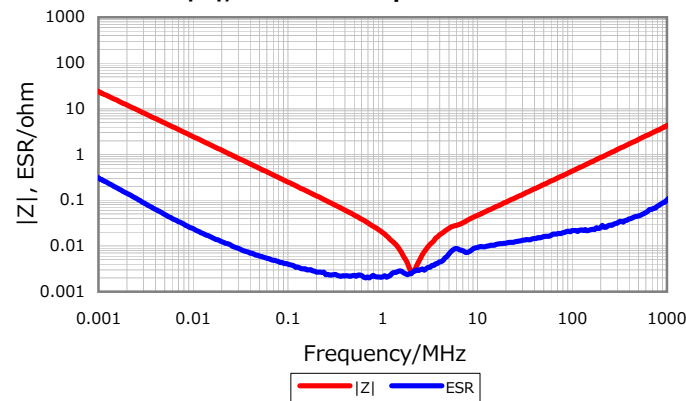
## Insulation Resistance

14Mohm Min.

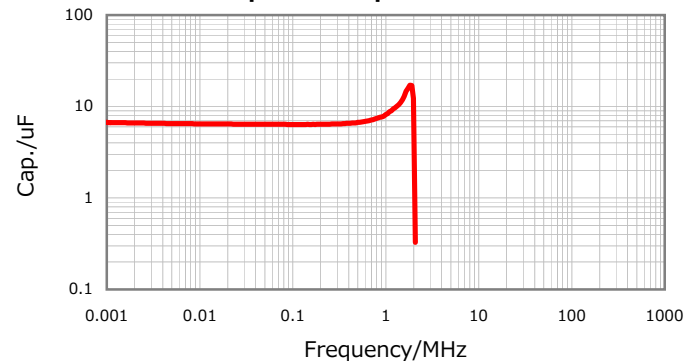
## AEC-Q200

Yes

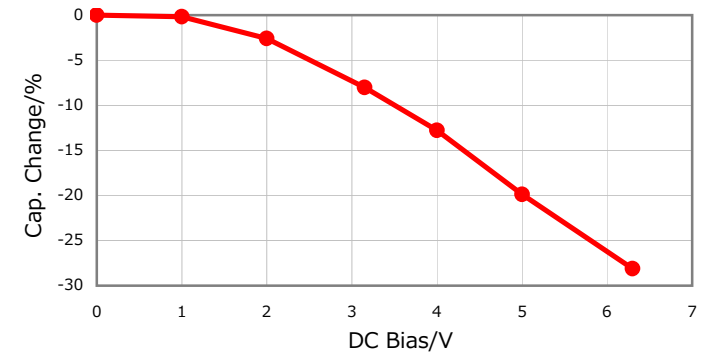
## |Z|, ESR vs. Freq. Characteristics



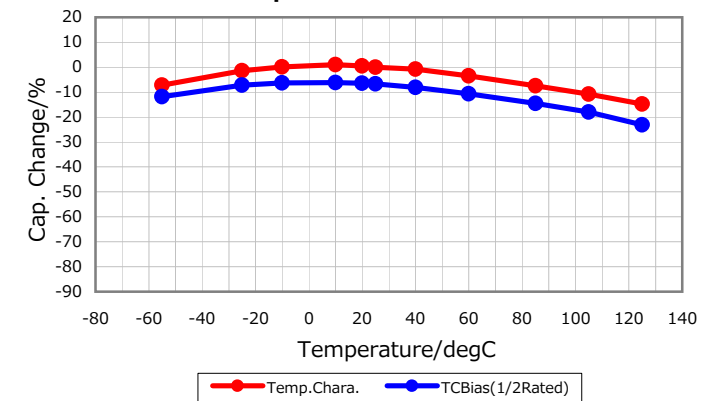
## Cap. vs. Freq. Characteristic



## DC Bias Characteristic



## Temperature Characteristics



## Ripple Temperature Rise Characteristics

