

# CGA5H4X7R2J222M115AE

TDK Item Description : CGA5H4X7R2J222MT\*\*\*S



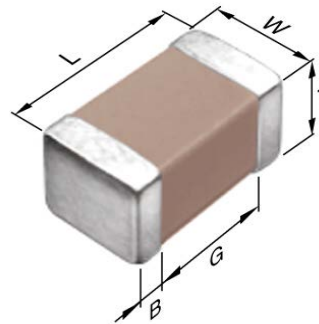
Equivalent C3216X7R2J222M for Automotive

## Application & Main Feature

Automotive Grade ( Soft Termination )

## Series

CGA5(3216) [EIA CC1206]



## Dimensions

|   |                    |
|---|--------------------|
| L | 3.20mm +0.4,-0.2mm |
| W | 1.60mm +0.3,-0.2mm |
| T | 1.15mm +/-0.15mm   |
| B | 0.20mm Min.        |
| G | 1.00mm Min.        |

## Temperature Characteristic

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

## Rated Voltage

2J (630Vdc)

## Capacitance

2.2nF

## Capacitance Tolerance

M (+/-20%)

## Dissipation Factor

3% Max.

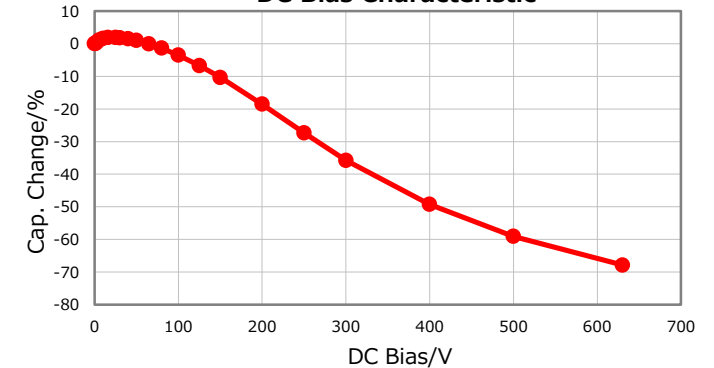
## Insulation Resistance

10Gohm Min

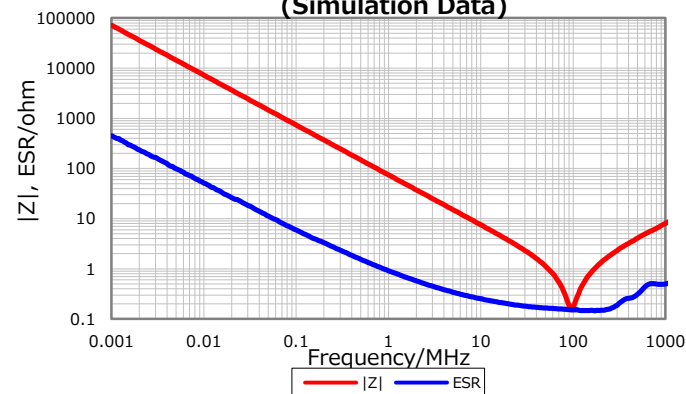
## AEC-Q200

Yes

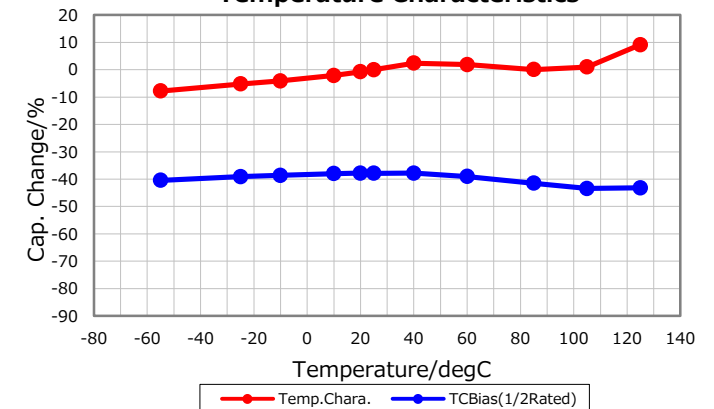
## DC Bias Characteristic



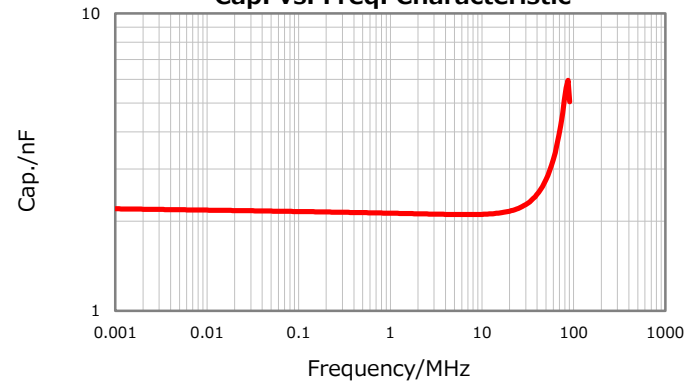
## |Z|, ESR vs. Freq. Characteristics (Simulation Data)



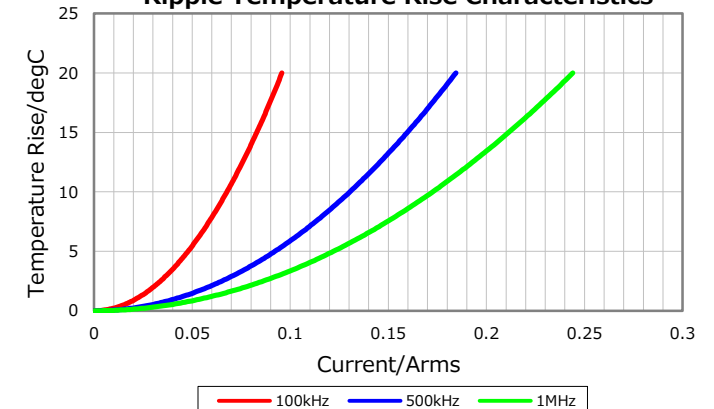
## Temperature Characteristics



## Cap. vs. Freq. Characteristic



## Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

March 17, 2017