

# CGA5H2X8R2A104M115AD

TDK Item Description : CGA5H2X8R2A104MT\*\*\*B



Equivalent C3216X8R2A104M for Automotive

## Application & Main Feature

Automotive Grade ( Conductive Epoxy Application )

## Series

CGA5(3216) [EIA CC1206]



## Dimensions

- L 3.20mm +0.3,-0.1mm
- W 1.60mm +0.3,-0.1mm
- T 1.15mm +/-0.15mm
- B 0.20mm Min.
- G 1.00mm Min.

## Temperature Characteristic

X8R (-55 to 150 degC +/-15%)

## Rated Voltage

2A (100Vdc)

## Capacitance

100nF

## Capacitance Tolerance

M (+/-20%)

## Dissipation Factor

3% Max.

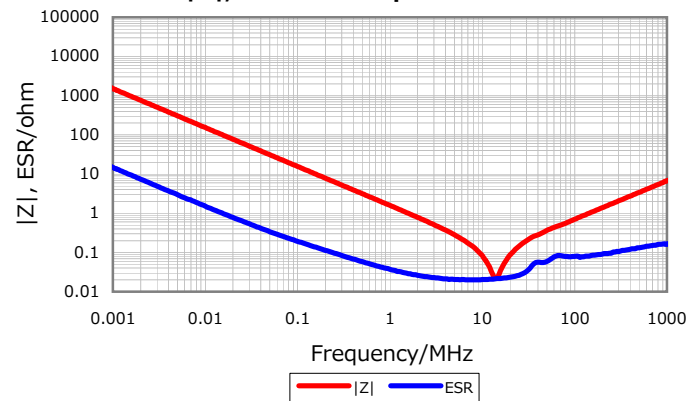
## Insulation Resistance

5Gohm Min.

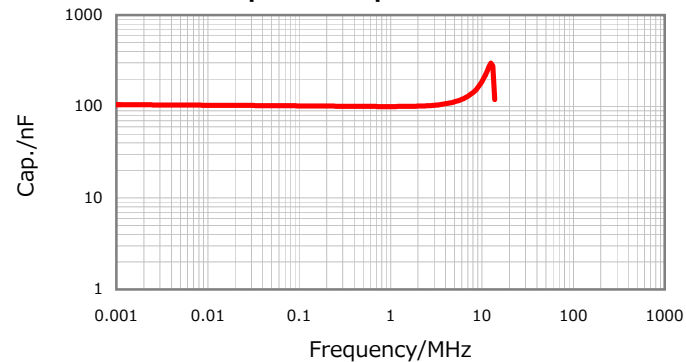
## AEC-Q200

Yes

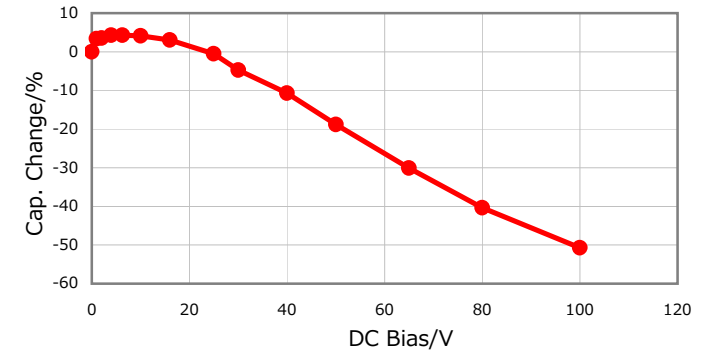
## |Z|, ESR vs. Freq. Characteristics



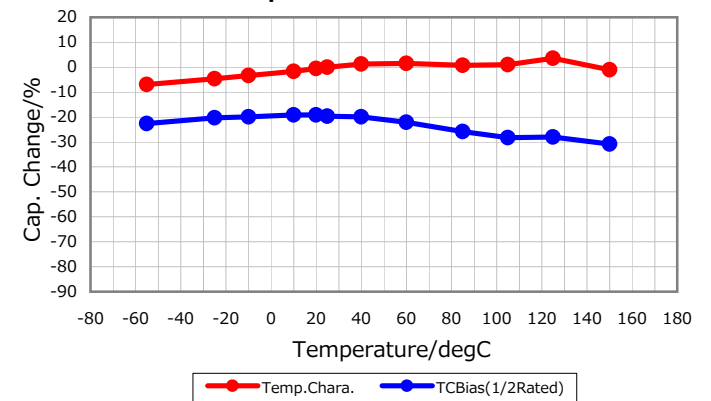
## Cap. vs. Freq. Characteristic



## DC Bias Characteristic



## Temperature Characteristics



## Ripple Temperature Rise Characteristics

