

# CGA4J3X8R1C105K125AD

TDK Item Description : CGA4J3X8R1C105KT\*\*\*B



Equivalent C2012X8R1C105K for Automotive

## Application & Main Feature

Automotive Grade ( Conductive Epoxy Application )

## Series

CGA4(2012) [EIA 0805]



## 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

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

## Rated Voltage

1C (16Vdc)

## Capacitance

1uF

## Capacitance Tolerance

K (+/-10%)

## Dissipation Factor

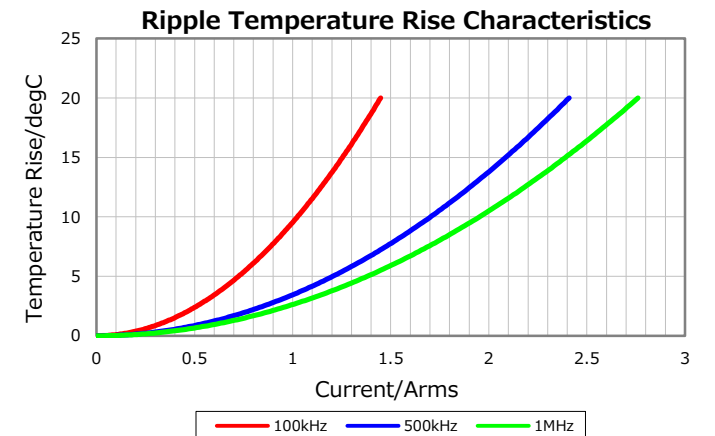
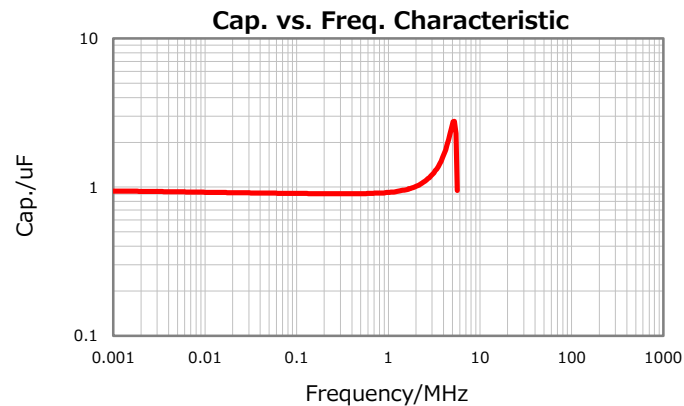
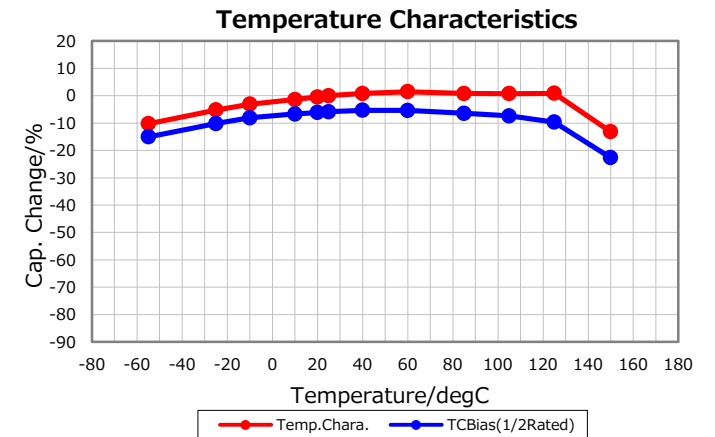
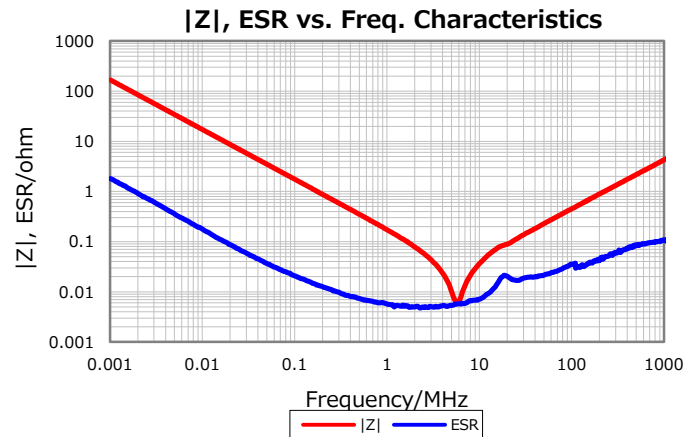
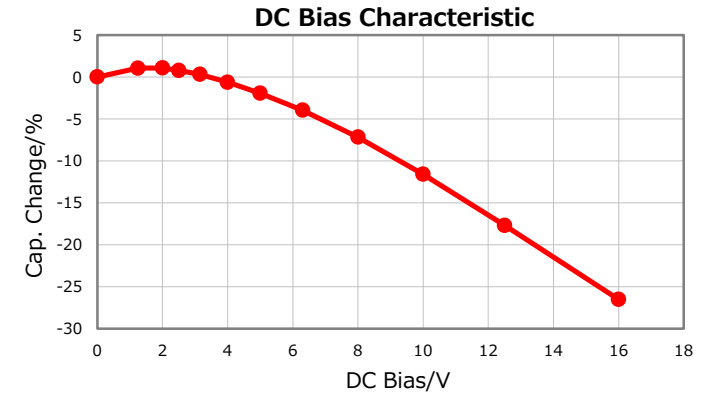
5% Max.

## Insulation Resistance

100Mohm Min.

## AEC-Q200

Yes



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

June 5, 2018