

# CGA4J3X8R1C105M125AB

TDK Item Description : CGA4J3X8R1C105MT\*\*\*\*



Equivalent C2012X8R1C105M for Automotive

## Application & Main Feature

Automotive Grade ( High Temperature Application )

## Series

CGA4(2012) [EIA 0805]



## 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

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

## Rated Voltage

1C (16Vdc)

## Capacitance

1uF

## Capacitance Tolerance

M (+/-20%)

## Dissipation Factor

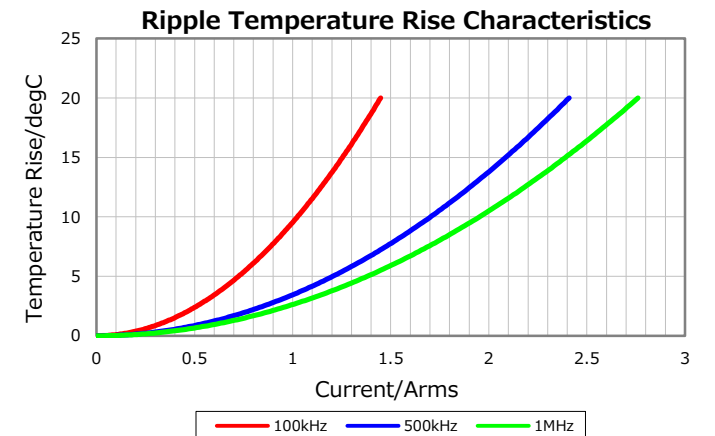
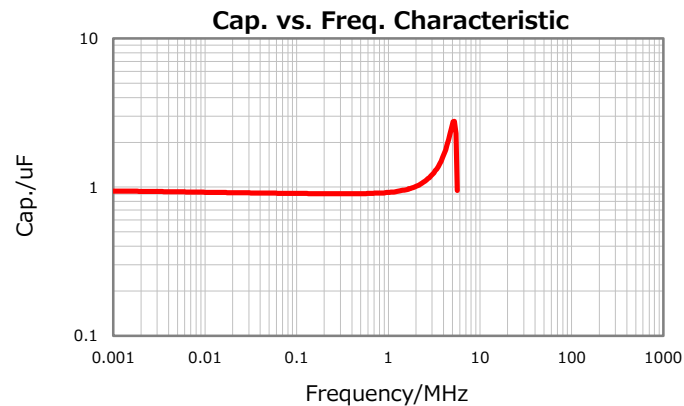
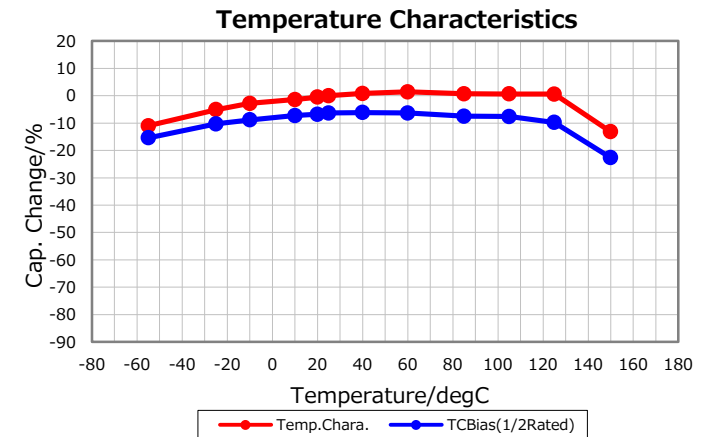
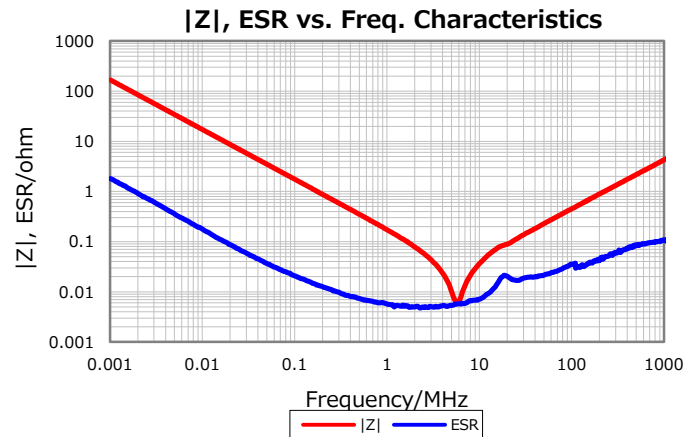
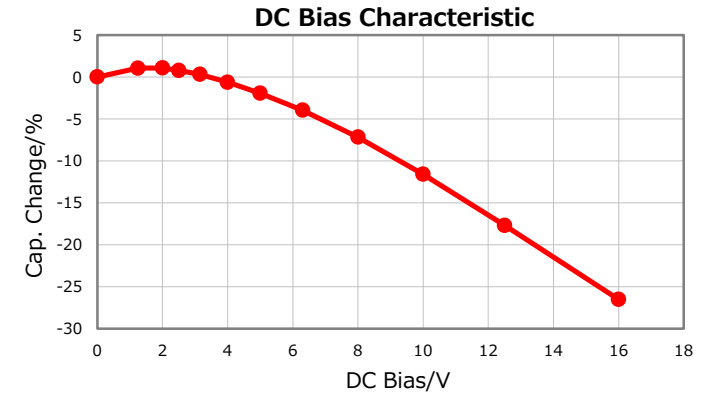
5% Max.

## Insulation Resistance

100Mohm Min.

## AEC-Q200

Yes



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

June 5, 2018