

# CGA3E1X8L1C105K080AC

TDK Item Description : CGA3E1X8L1C105KT\*\*\*\*



Equivalent C1608X8L1C105K for Automotive

## Application & Main Feature

Automotive Grade ( High Temperature Application )

## Series

CGA3(1608) [EIA 0603]



## Dimensions

L	1.60mm +/-0.1mm
W	0.80mm +/-0.1mm
T	0.80mm +/-0.1mm
B	0.20mm Min.
G	0.30mm Min.

## Temperature Characteristic

X8L (-55 to 150 degC +15,-40%)

## Rated Voltage

1C(16Vdc)

## Capacitance

1uF

## Capacitance Tolerance

K (+/-10%)

## Dissipation Factor

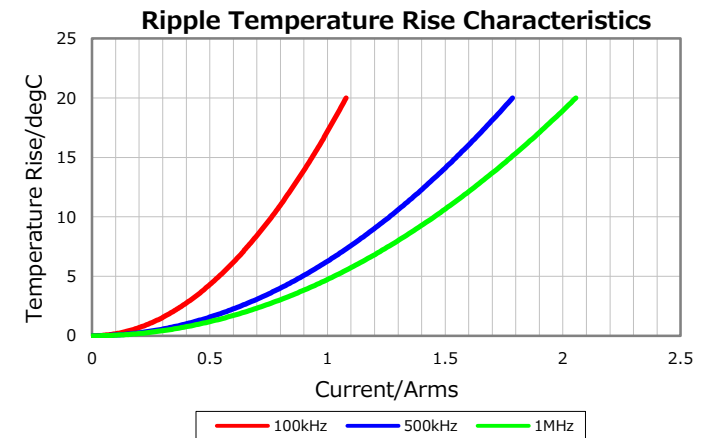
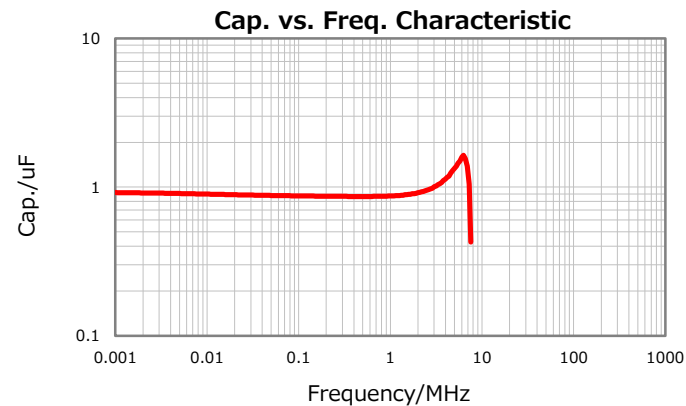
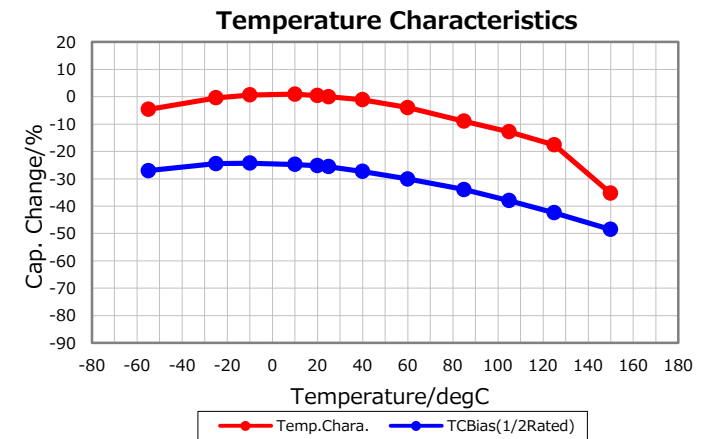
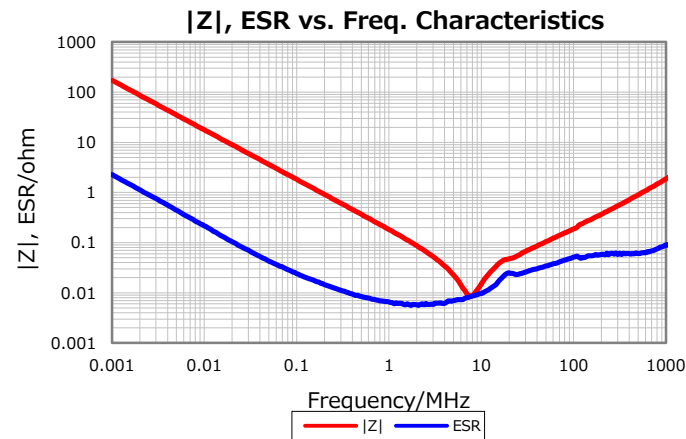
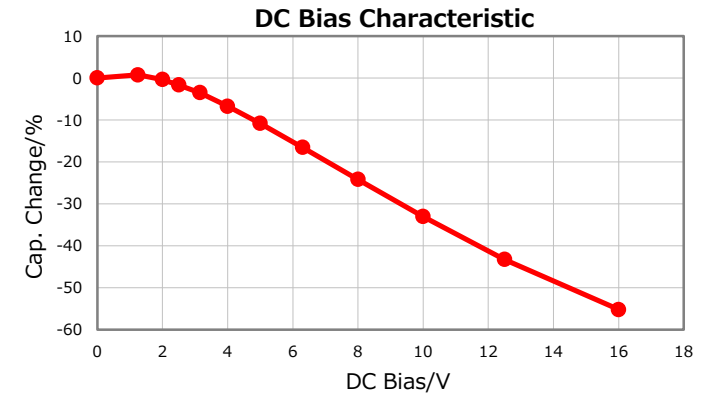
5% Max.

## Insulation Resistance

100Mohm Min.

## AEC-Q200

Yes



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

June 19, 2017