

# CGA5L1X8L1H335K160AC

TDK Item Description : CGA5L1X8L1H335KT\*\*\*\*



Equivalent C3216X8L1H335K for Automotive

## Application & Main Feature

Automotive Grade ( High Temperature Application )

## Series

CGA5(3216) [EIA 1206]



## Dimensions

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

## Temperature Characteristic

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

## Rated Voltage

1H(50Vdc)

## Capacitance

3.3uF

## Capacitance Tolerance

K (+/-10%)

## Dissipation Factor

5% Max.

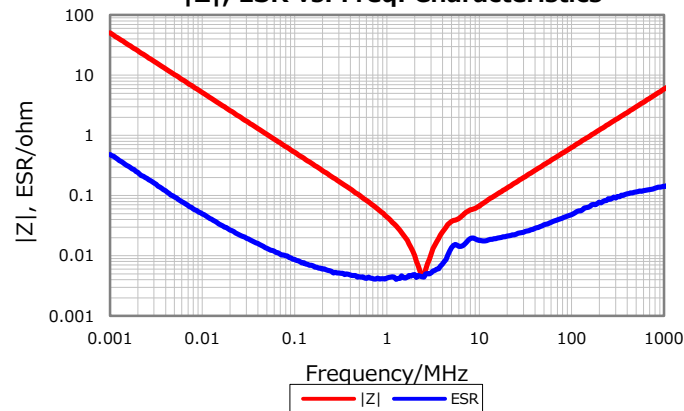
## Insulation Resistance

151Mohm Min.

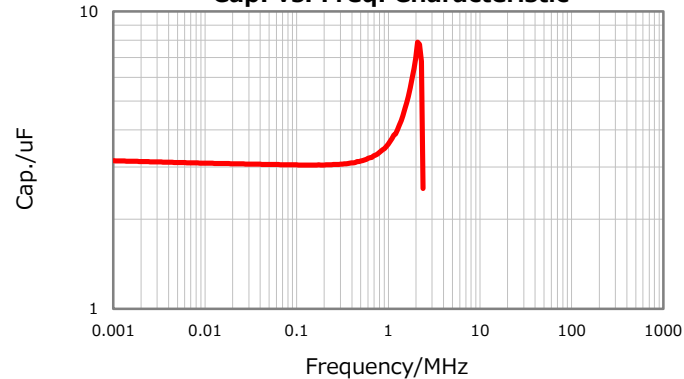
## AEC-Q200

Yes

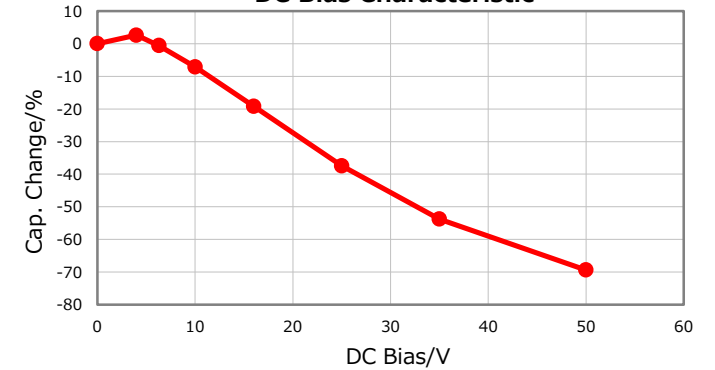
## |Z|, ESR vs. Freq. Characteristics



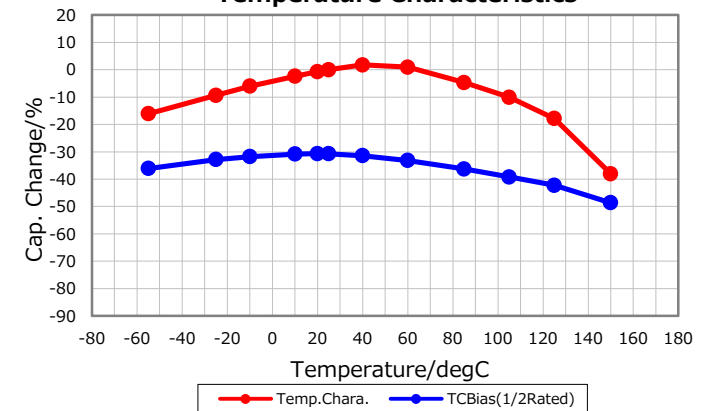
## Cap. vs. Freq. Characteristic



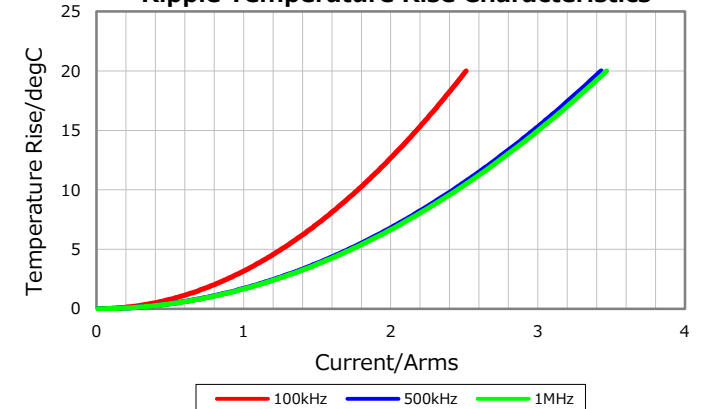
## DC Bias Characteristic



## Temperature Characteristics



## Ripple Temperature Rise Characteristics



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

June 19, 2017