

# CGA3E1X8R1E334K080AC

TDK Item Description : CGA3E1X8R1E334KT\*\*\*\*



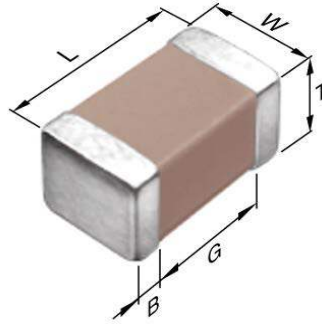
Equivalent C1608X8R1E334K for Automotive

## 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

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

## Rated Voltage

1E (25Vdc)

## Capacitance

330nF

## Capacitance Tolerance

K (+/-10%)

## Dissipation Factor

5% Max.

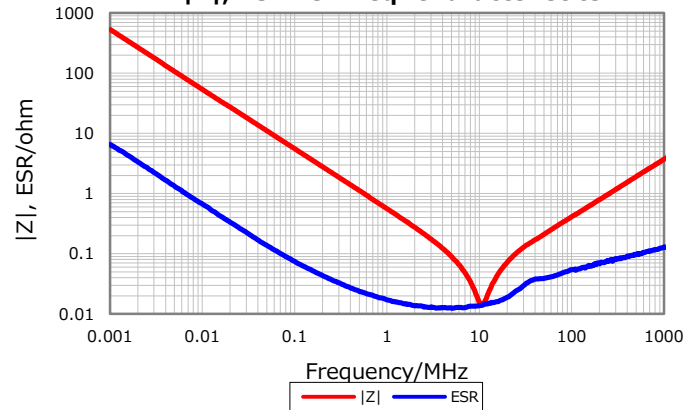
## Insulation Resistance

1.515Gohm Min

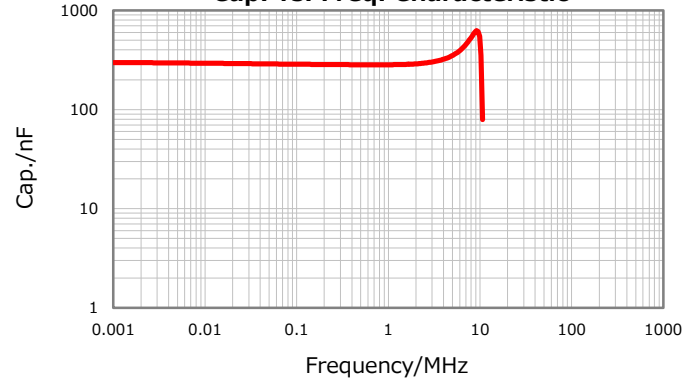
## AEC-Q200

Yes

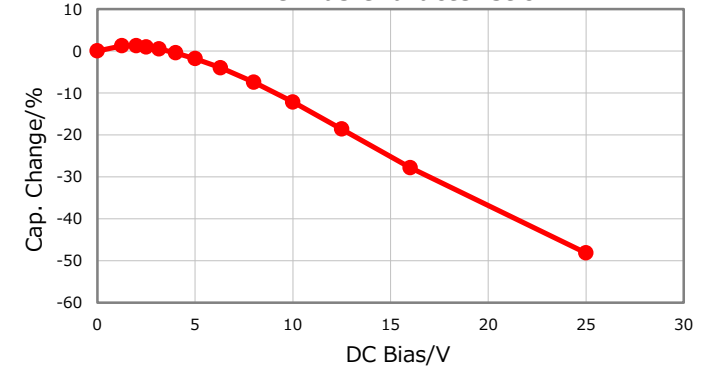
## |Z|, ESR vs. Freq. Characteristics



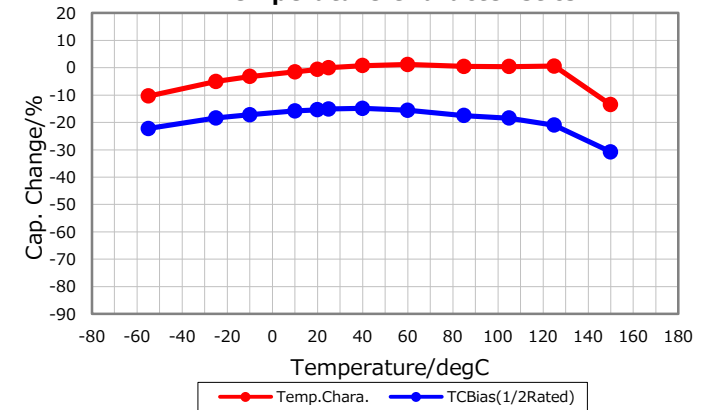
## Cap. vs. Freq. Characteristic



## DC Bias Characteristic



## Temperature Characteristics



## Ripple Temperature Rise Characteristics

