

# CGJ3E3X7S2A683K080AA

TDK Item Description : CGJ3E3X7S2A683KT\*\*\*



## Application & Main Feature

High Reliability Grade ( Mid Voltage (100 to 630V) )

## Series

CGJ3(1608) [EIA CC0603]



## 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

X7S (-55 to 125 degC +/-22%)

## Rated Voltage

2A (100Vdc)

## Capacitance

68nF

## Capacitance Tolerance

K (+/-10%)

## Dissipation Factor

5% Max.

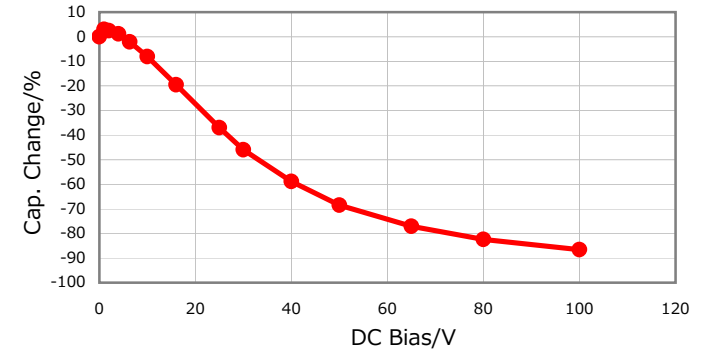
## Insulation Resistance

7.35Gohm Min.

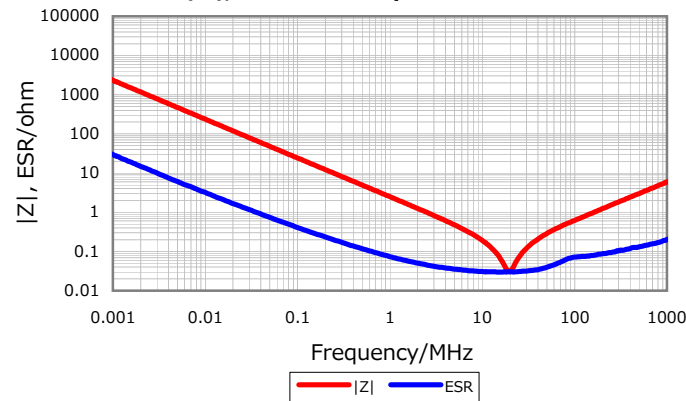
## AEC-Q200

Yes

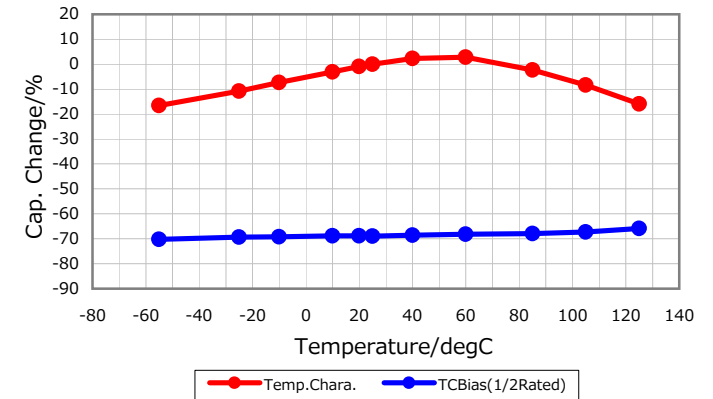
## DC Bias Characteristic



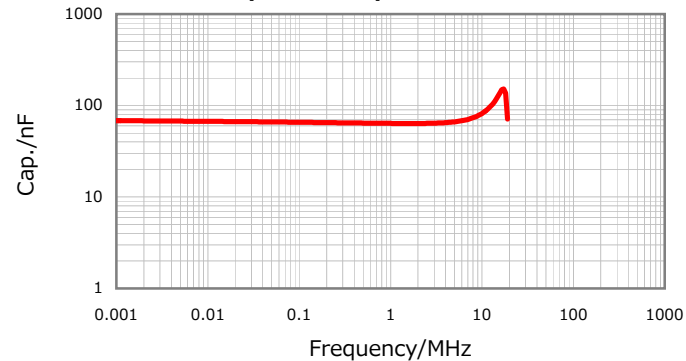
## |Z|, ESR vs. Freq. Characteristics



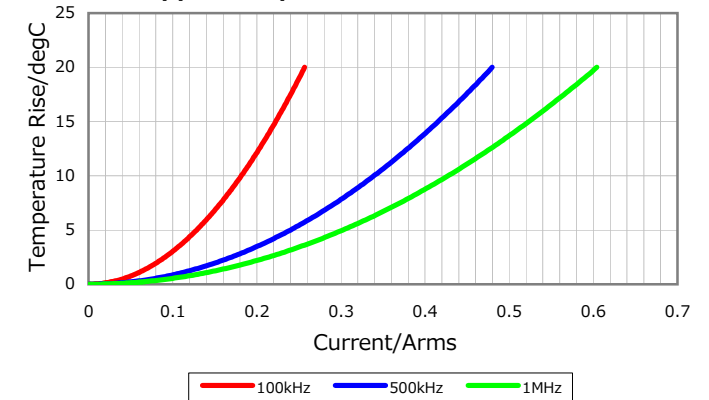
## Temperature Characteristics



## Cap. vs. Freq. Characteristic



## Ripple Temperature Rise Characteristics



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

January 4, 2016