

# CGJ4J3X7T2D683K125AA

TDK Item Description : CGJ4J3X7T2D683KT\*\*\*\*



## Application & Main Feature

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

## Series

CGJ4(2012) [EIA CC0805]



## 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

X7T (-55 to 125 degC +22,-33%)

## Rated Voltage

2D (200Vdc)

## Capacitance

68nF

## Capacitance Tolerance

K (+/-10%)

## Dissipation Factor

2.5% Max.

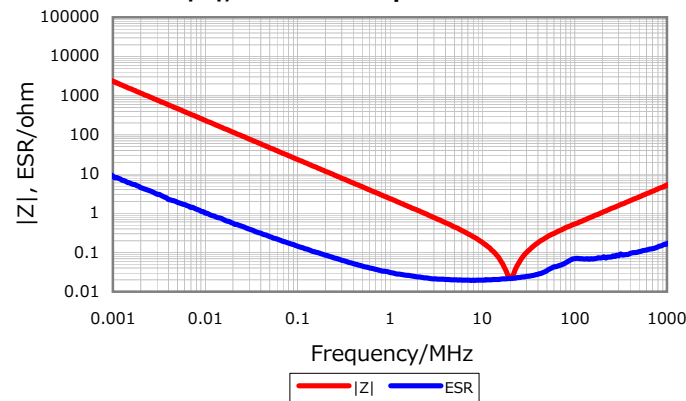
## Insulation Resistance

7.35Gohm Min.

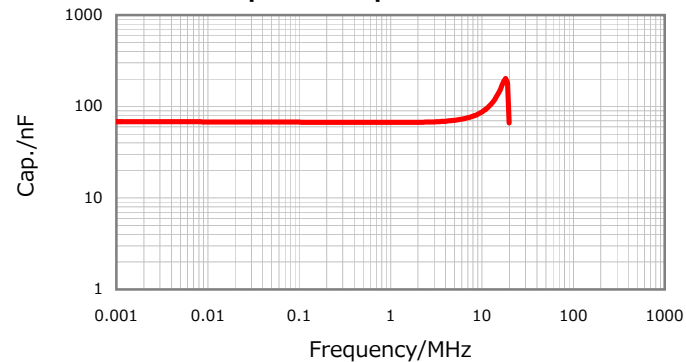
## AEC-Q200

Yes

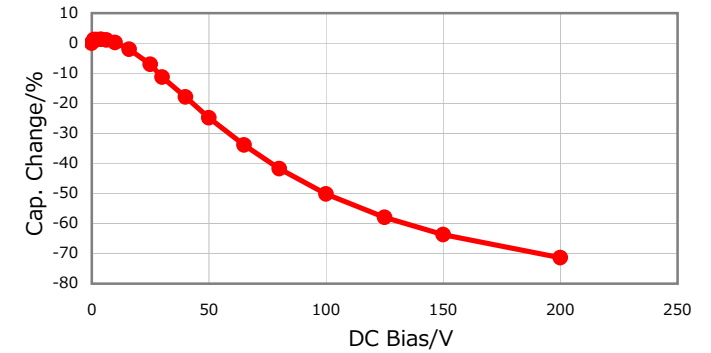
## |Z|, ESR vs. Freq. Characteristics



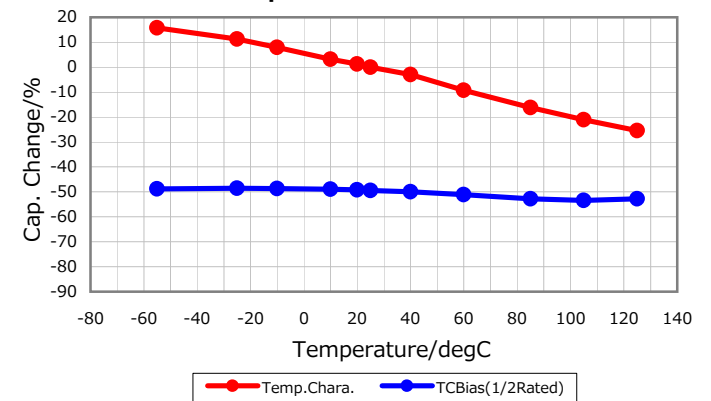
## Cap. vs. Freq. Characteristic



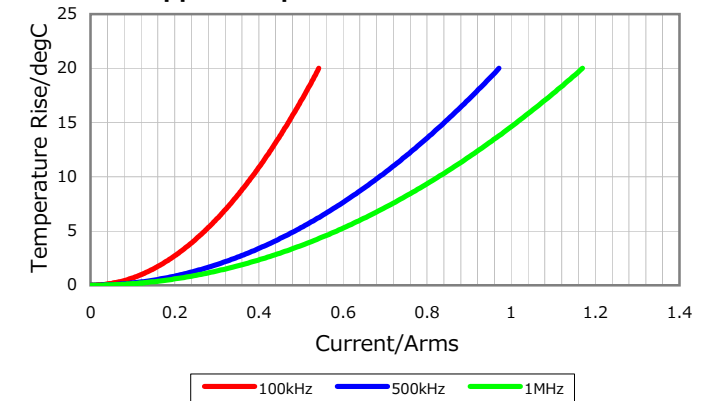
## DC Bias Characteristic



## Temperature Characteristics



## Ripple Temperature Rise Characteristics



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

January 4, 2016