

# CGA9M3X7T2E155M200KA

TDK Item Description : CGA9M3X7T2E155MT\*\*\*\*



Equivalent C5750X7T2E155M for Automotive

## Application & Main Feature

Automotive Grade ( Mid Voltage (100 to 630V) )

## Series

CGA9(5750) [EIA CC2220]



## Dimensions

L 5.70mm +/-0.4mm  
 W 5.00mm +/-0.4mm  
 T 2.00mm +/-0.2mm  
 B 0.20mm Min.  
 G

## Temperature Characteristic

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

## Rated Voltage

2E (250Vdc)

## Capacitance

1.5uF

## Capacitance Tolerance

M (+/-20%)

## Dissipation Factor

2.5% Max.

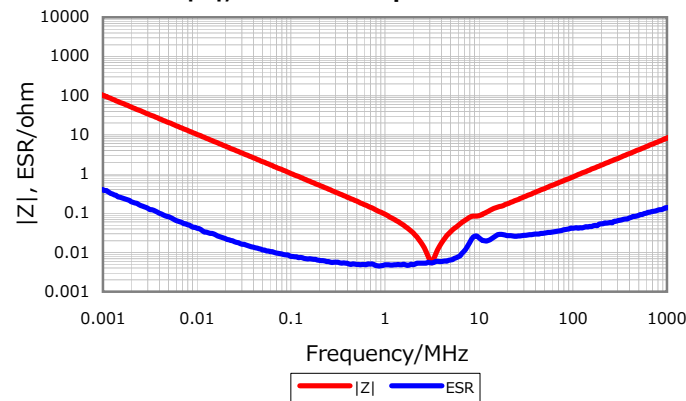
## Insulation Resistance

333Mohm Min.

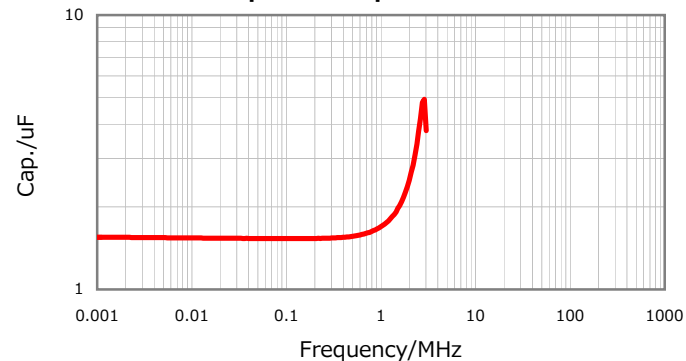
## AEC-Q200

Yes

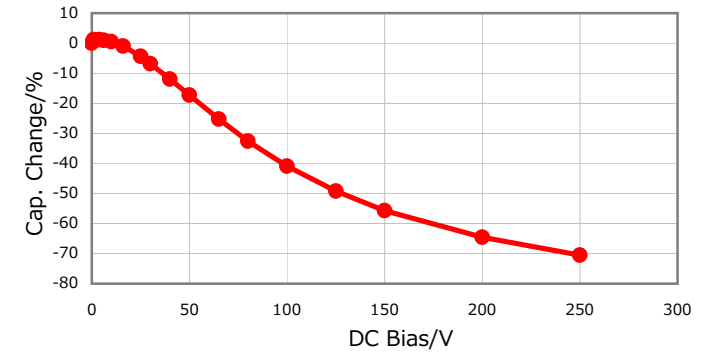
## |Z|, ESR vs. Freq. Characteristics



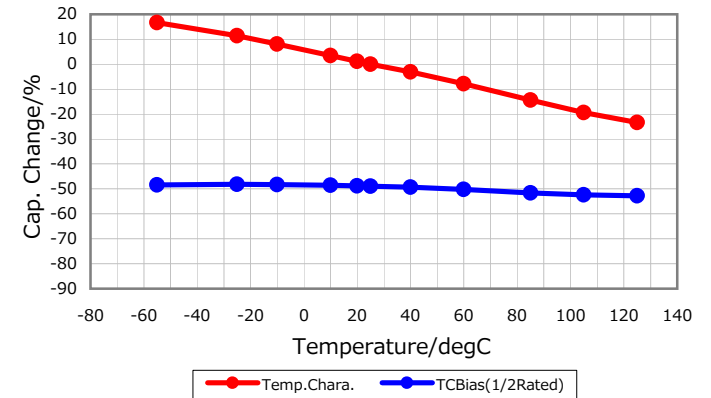
## Cap. vs. Freq. Characteristic



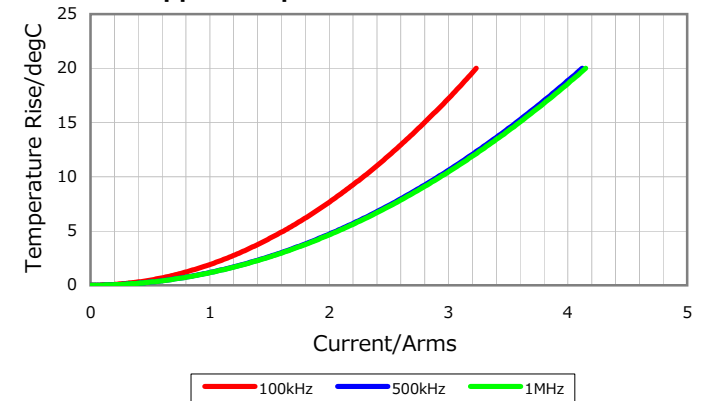
## DC Bias Characteristic



## Temperature Characteristics



## Ripple Temperature Rise Characteristics



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

January 4, 2016