

# CGA7F1C0G3F120K085KA

TDK Item Description : CGA7F1C0G3F120KT\*\*\*



Equivalent C4520C0G3F120K for Automotive

## Application & Main Feature

Automotive Grade ( High Voltage (1000V and over ) )

## Series

CGA7(4520) [EIA CC1808]



## Dimensions

L 4.50mm +/-0.4mm  
W 2.00mm +/-0.2mm  
T 0.85mm +/-0.15mm  
B 0.20mm Min.  
G

## Temperature Characteristic

C0G (-55 to 125 degC 0+/-30ppm/degC)

## Rated Voltage

3F (3000Vdc)

## Capacitance

12pF

## Capacitance Tolerance

K (+/-10%)

## Q Factor

640 Min.

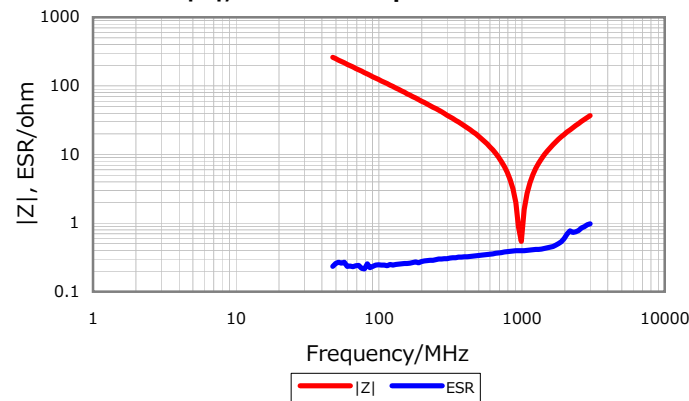
## Insulation Resistance

10Gohm Min.

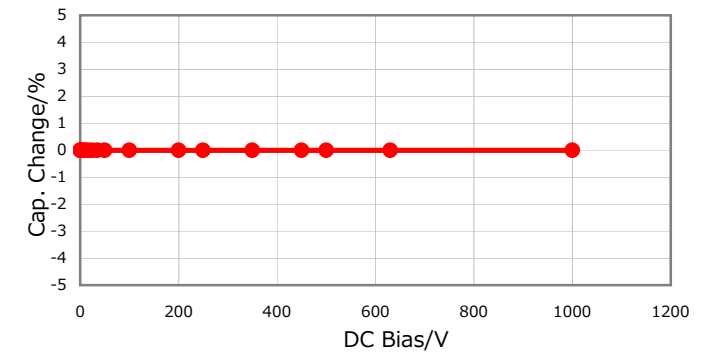
## AEC-Q200

Not Applicable

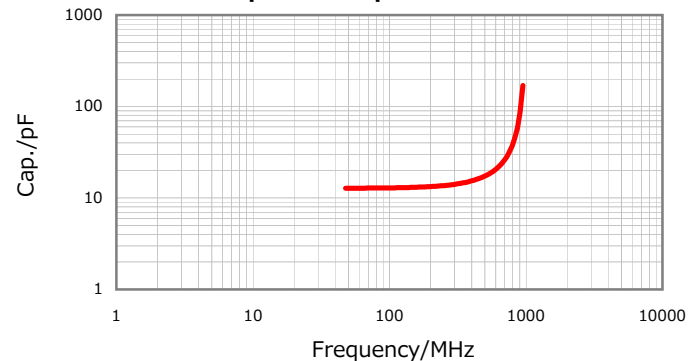
### |Z|, ESR vs. Freq. Characteristics



### DC Bias Characteristic



### Cap. vs. Freq. Characteristic



### Temperature Characteristics

