

# CKG45KX7R2J104K290JJ

TDK item description : CKG45KX7R2J104KT\*\*\*\*

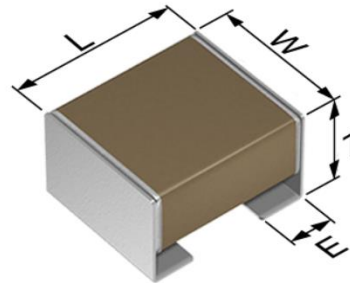


## Application & Main Feature

Automotive grade (MEGACAP)

## Series

CKG45K(4532) [EIA 1812]



## Dimensions

L 5.00±0.50 mm  
W 3.50±0.50 mm  
T 2.90±0.10 mm  
E 1.10±0.30 mm

## Temperature Characteristic

X7R (-55 to +125 degC, ±15%)

## Rated Voltage

2J (630Vdc)

## Capacitance

100nF

## Capacitance Tolerance

K (±10%)

## DF

3 % max.

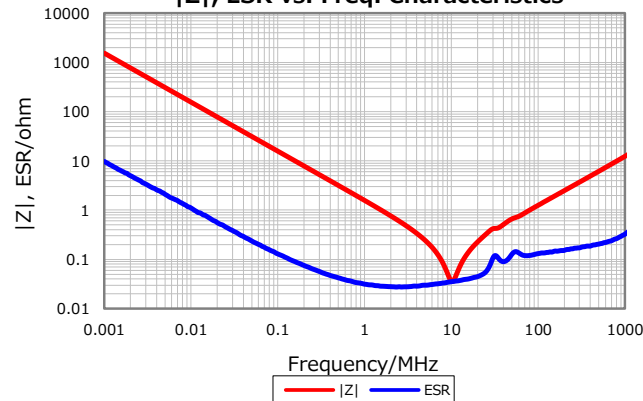
## Insulation Resistance

5000 Mohm min.

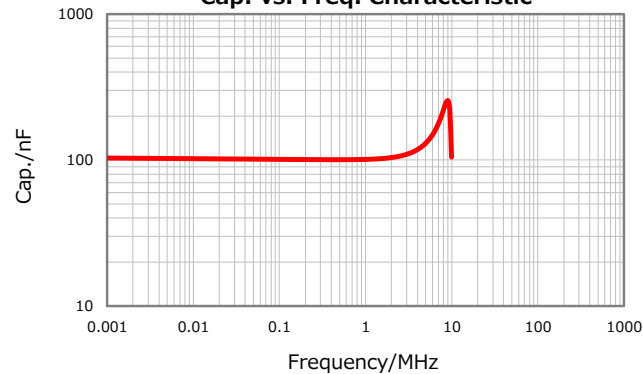
## AEC-Q200

Yes

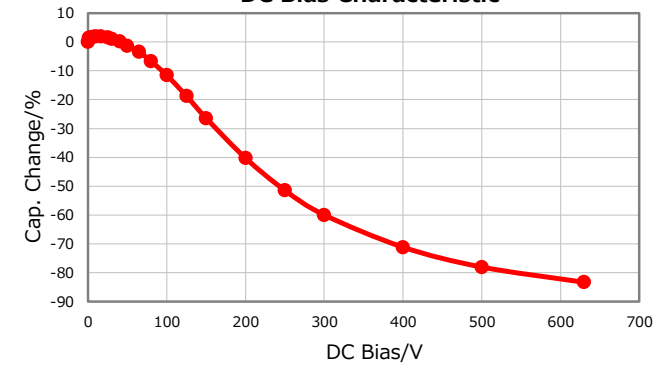
## |Z|, ESR vs. Freq. Characteristics



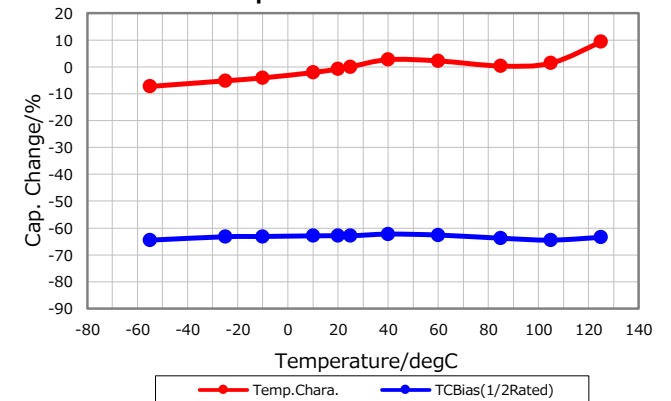
## Cap. vs. Freq. Characteristic



## DC Bias Characteristic



## Temperature Characteristics



## Ripple Temperature Rise Characteristics

