

# CKG45KX7S2A475K290JJ

TDK item description : CKG45KX7S2A475KT\*\*\*\*

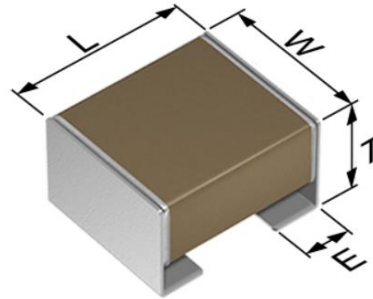


## Application & Main Feature

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

X7S (-55 to +125 degC, ±22%)

## Rated Voltage

2A (100Vdc)

## Capacitance

4.7µF

## Capacitance Tolerance

K (±10%)

## DF

5 % max.

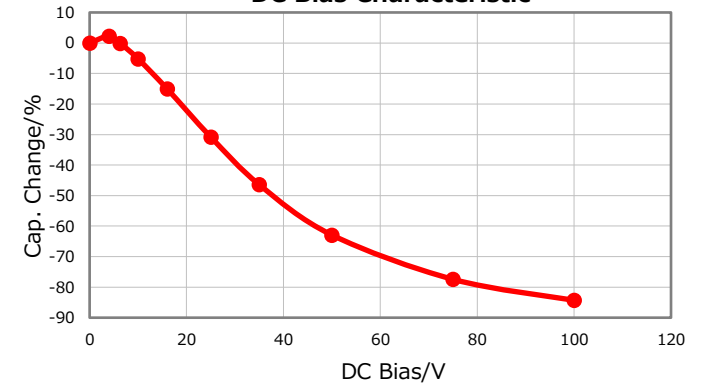
## Insulation Resistance

106 Mohm min.

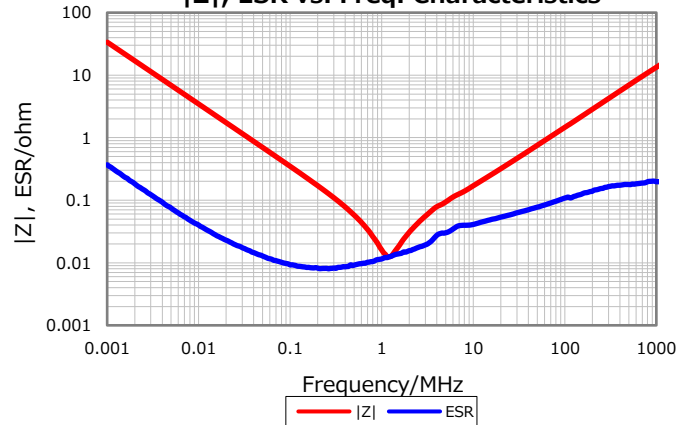
## AEC-Q200

Yes

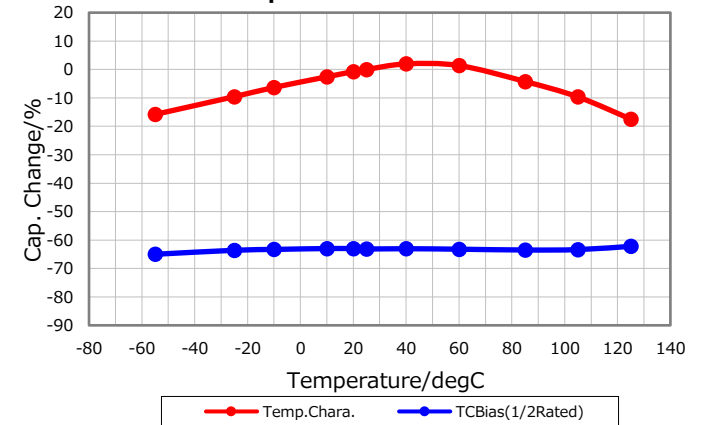
## DC Bias Characteristic



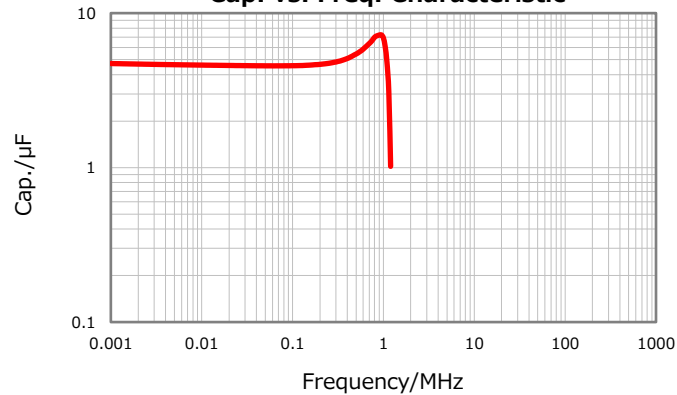
## |Z|, ESR vs. Freq. Characteristics



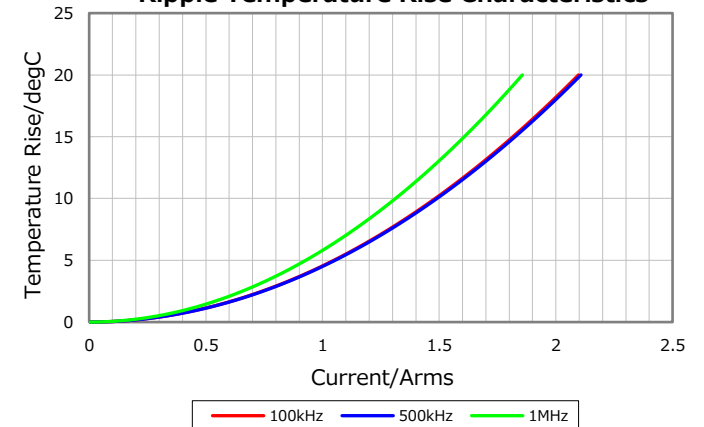
## Temperature Characteristics



## Cap. vs. Freq. Characteristic



## Ripple Temperature Rise Characteristics



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

April 13, 2022