

# CKG32KX7S1H685K335AJ

TDK item description : CKG32KX7S1H685KT\*\*\*\*

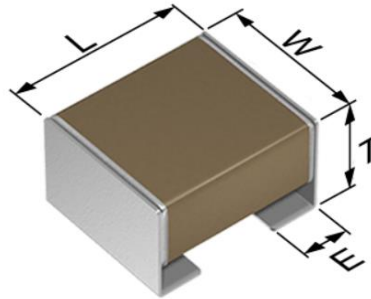


## Application & Main Feature

Automotive grade (MEGACAP)

## Series

CKG32K(3225) [EIA 1210]



## Dimensions

L 3.60±0.30 mm  
 W 2.60±0.30 mm  
 T 3.35±0.10 mm  
 E 0.80±0.15 mm

## Temperature Characteristic

X7S (-55 to +125 degC, ±22%)

## Rated Voltage

1H (50Vdc)

## Capacitance

6.8µF

## Capacitance Tolerance

K (±10%)

## DF

5 % max.

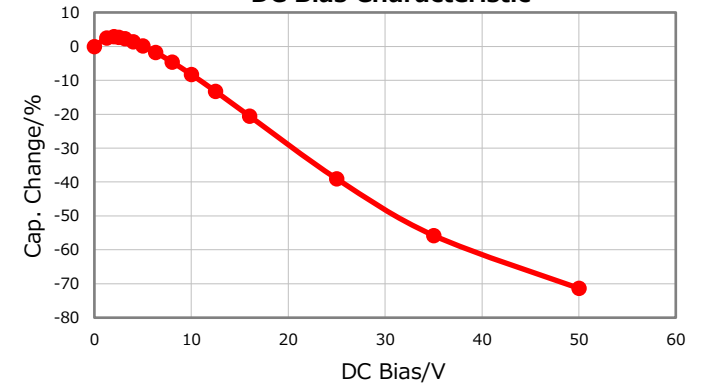
## Insulation Resistance

73 Mohm min.

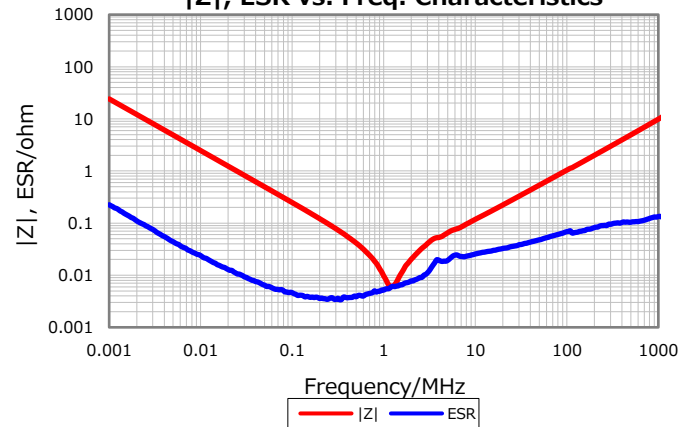
## AEC-Q200

Yes

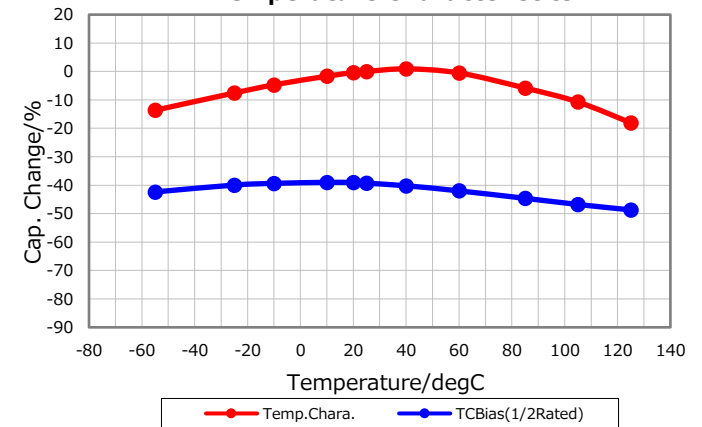
DC Bias Characteristic



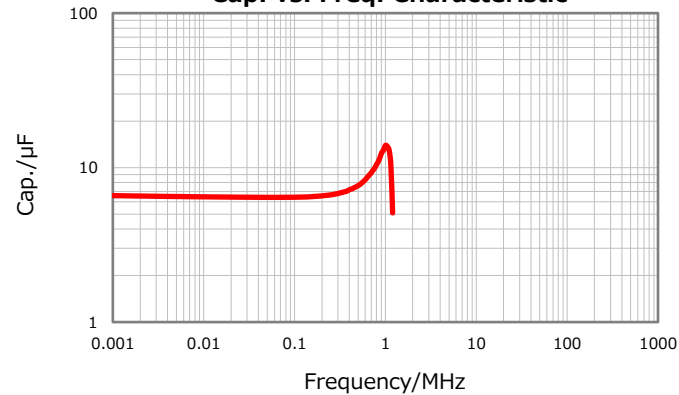
|Z|, ESR vs. Freq. Characteristics



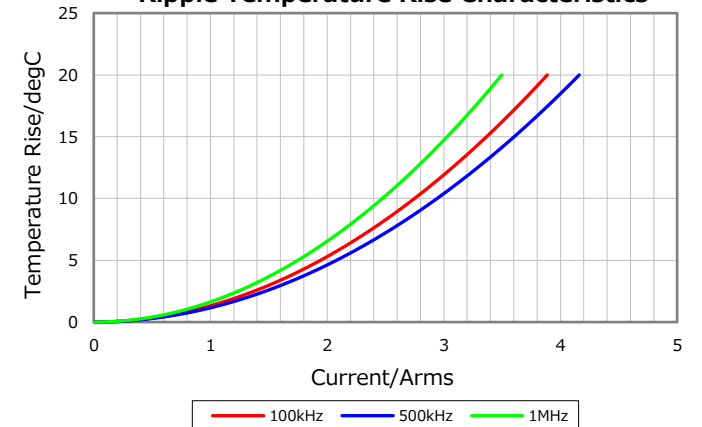
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

April 20, 2022