

# CKG32KX7S1H685K335AJ

TDK Item Description : CKG32KX7S1H685KT\*\*\*\*



## Application & Main Feature

Automotive Grade ( MEGACAP Type )

## Series

CKG32K(3225) [EIA CC1210]



## Dimensions

L 3.60mm +/-0.3mm  
 W 2.60mm +/-0.3mm  
 T 3.35mm +/-0.1mm  
 E 0.80mm +/-0.15mm

## Temperature Characteristic

X7S (-55 to 125 degC +/-22%)

## Rated Voltage

1H (50Vdc)

## Capacitance

6.8uF

## Capacitance Tolerance

K (+/-10%)

## Dissipation Factor

5% Max.

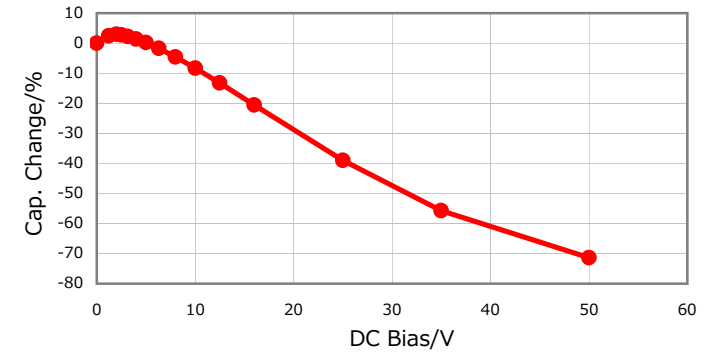
## Insulation Resistance

73Mohm Min.

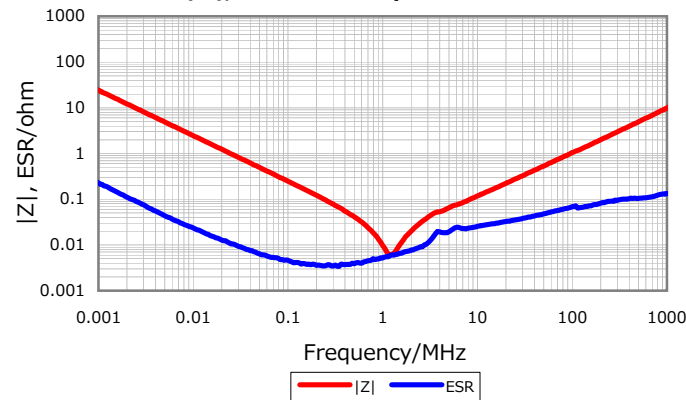
## AEC-Q200

Yes

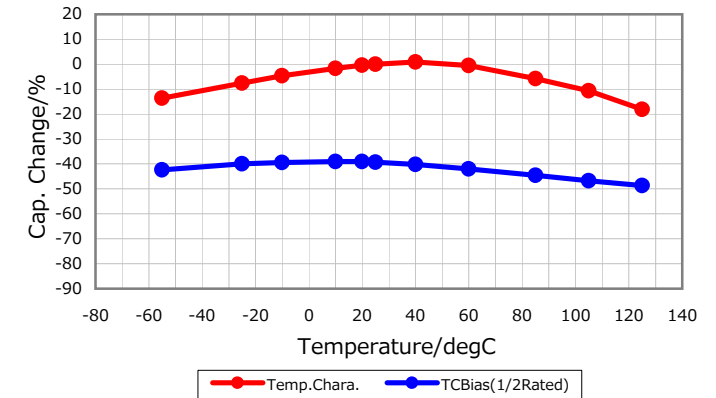
## DC Bias Characteristic



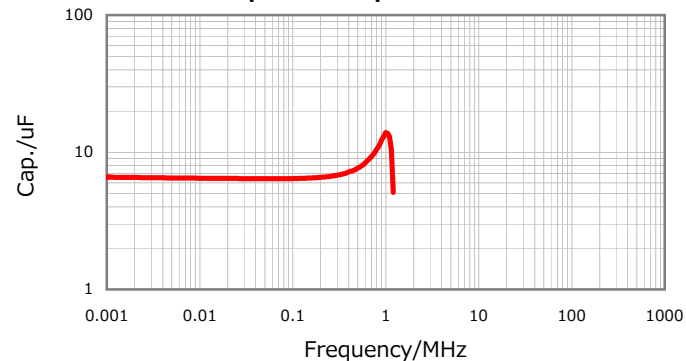
## |Z|, ESR vs. Freq. Characteristics



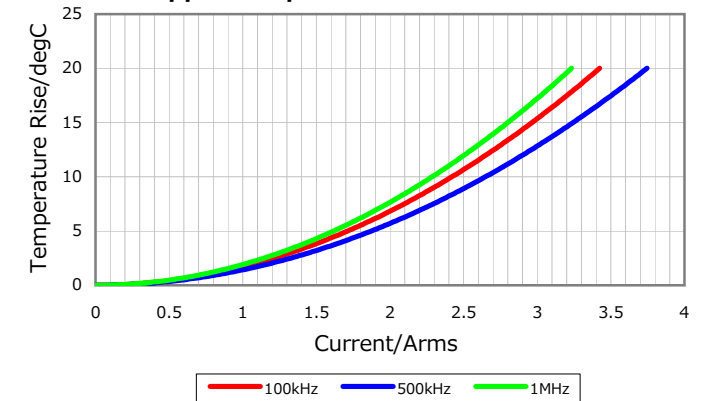
## Temperature Characteristics



## Cap. vs. Freq. Characteristic



## Ripple Temperature Rise Characteristics



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

January 4, 2016