

# CKG32KX7R1H105M335AJ

TDK Item Description : CKG32KX7R1H105MT\*\*\*\*



## 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

X7R (-55 to 125 degC +/-15%)

## Rated Voltage

1H (50Vdc)

## Capacitance

1uF

## Capacitance Tolerance

M (+/-20%)

## Dissipation Factor

3% Max.

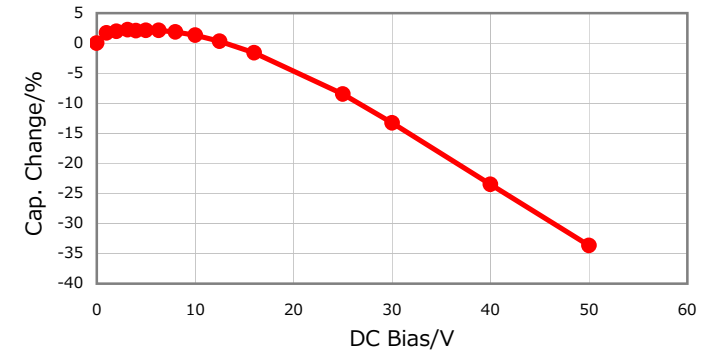
## Insulation Resistance

500Mohm Min.

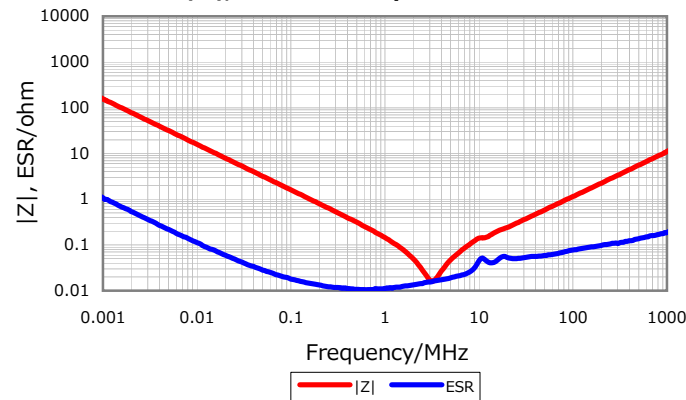
## AEC-Q200

Yes

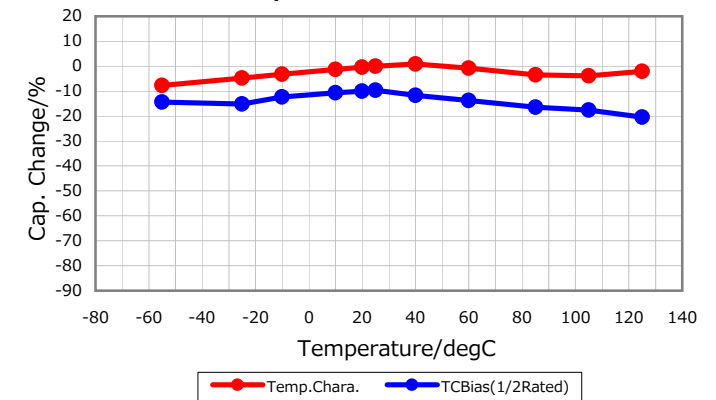
## DC Bias Characteristic



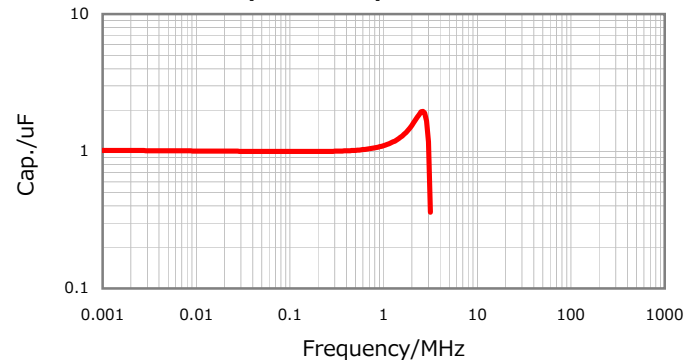
## |Z|, ESR vs. Freq. Characteristics



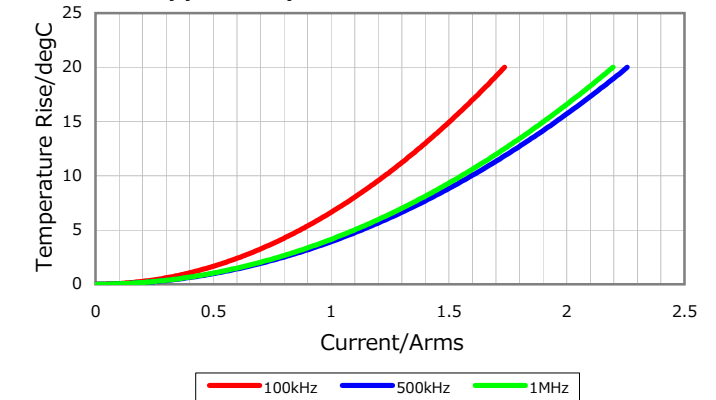
## Temperature Characteristics



## 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