

# CKG45KX7T2E105M290JJ

TDK Item Description : CKG45KX7T2E105MT\*\*\*\*



## Application & Main Feature

Automotive Grade ( MEGACAP Type )

## Series

CKG45K(4532) [EIA CC1812]



## Dimensions

L 5.00mm +/-0.5mm  
 W 3.50mm +/-0.5mm  
 T 2.90mm +/-0.1mm  
 E 1.10mm +/-0.3mm

## Temperature Characteristic

X7T (-55 to 125 degC +22,-33%)

## Rated Voltage

2E (250Vdc)

## Capacitance

1uF

## Capacitance Tolerance

M (+/-20%)

## Dissipation Factor

2.5% Max.

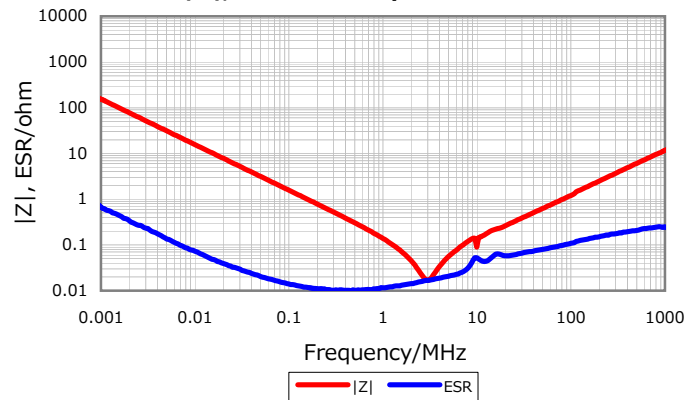
## Insulation Resistance

500Mohm Min.

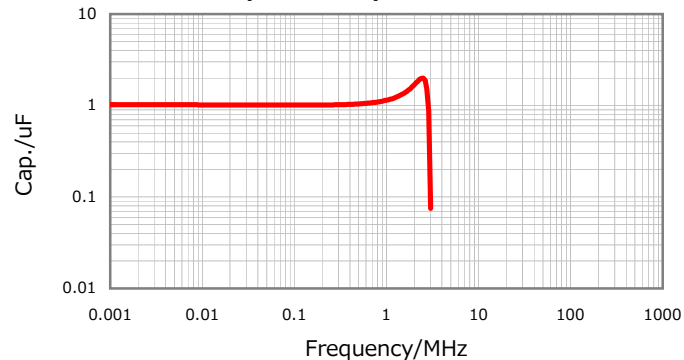
## AEC-Q200

Yes

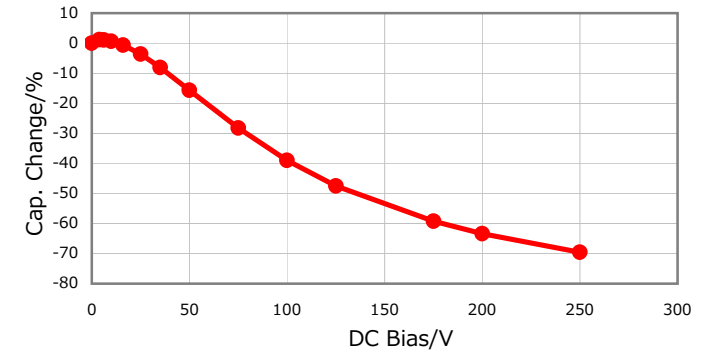
## |Z|, ESR vs. Freq. Characteristics



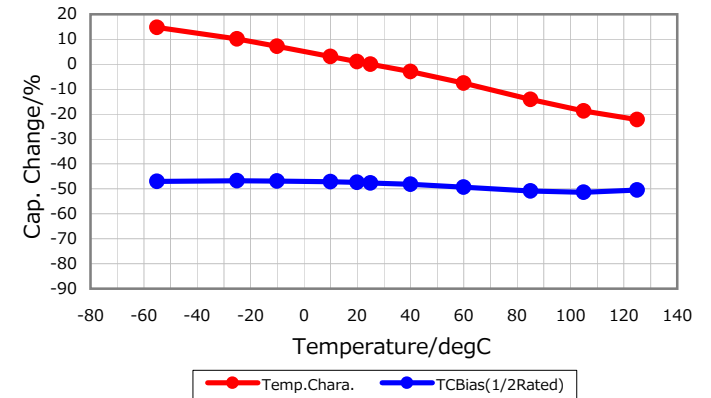
## Cap. vs. Freq. Characteristic



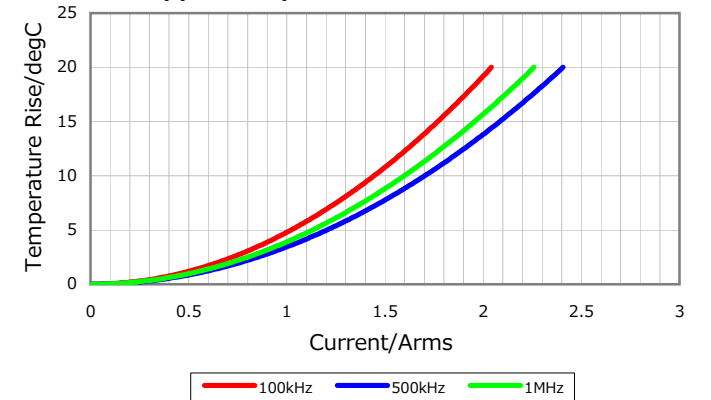
## DC Bias Characteristic



## Temperature Characteristics



## Ripple Temperature Rise Characteristics



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

January 4, 2016