

# C3225X7R1E685K250AB

TDK Item Description : C3225X7R1E685KT\*\*\*\*



## Application & Main Feature

Commercial Grade ( General (Up to 50V) )

## Series

C3225 [EIA CC1210]



## Dimensions

L 3.20mm +/-0.4mm  
 W 2.50mm +/-0.3mm  
 T 2.50mm +/-0.3mm  
 B 0.20mm Min.  
 G

## Temperature Characteristic

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

## Rated Voltage

1E (25Vdc)

## Capacitance

6.8uF

## Capacitance Tolerance

K (+/-10%)

## Dissipation Factor

5% Max.

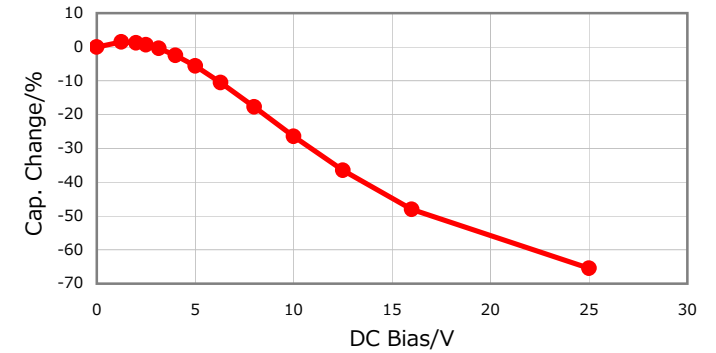
## Insulation Resistance

73Mohm Min.

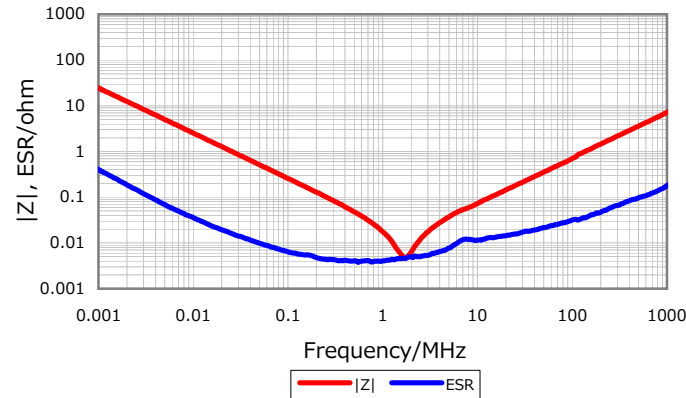
## AEC-Q200

Not Applicable

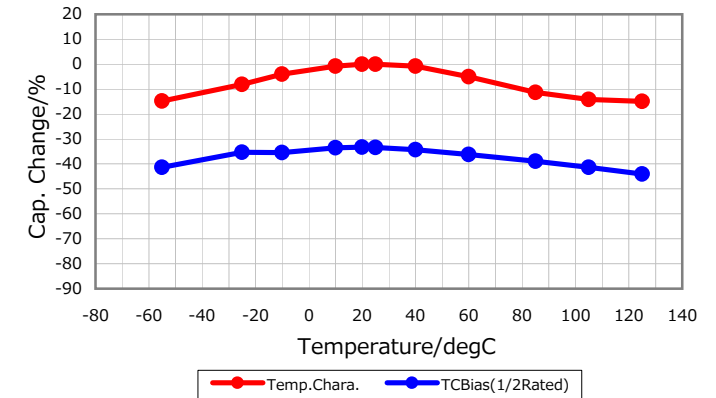
## DC Bias Characteristic



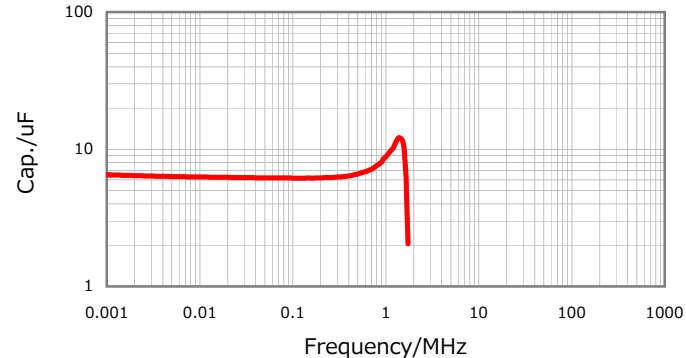
## |Z|, ESR vs. Freq. Characteristics



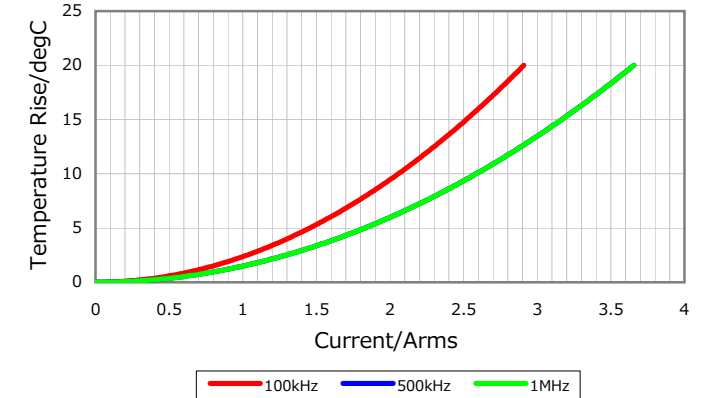
## Temperature Characteristics



## 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