

# CKG57NX7R2E225M500JH

TDK item description : CKG57NX7R2E225MT\*\*\*

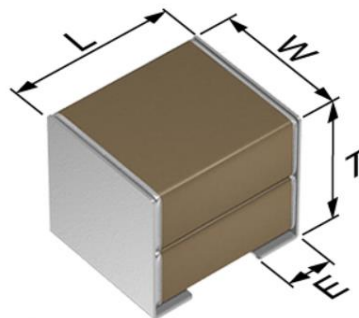


## Application & Main Feature

Commercial grade (MEGACAP)

## Series

CKG57N(5750) [EIA 2220]



## Dimensions

L 6.00±0.50 mm  
W 5.00±0.50 mm  
T 5.00±0.50 mm  
E 1.60±0.30 mm

## Temperature Characteristic

X7R (-55 to +125 degC, ±15%)

## Rated Voltage

2E (250Vdc)

## Capacitance

2.2µF

## Capacitance Tolerance

M (±20%)

## DF

3 % max.

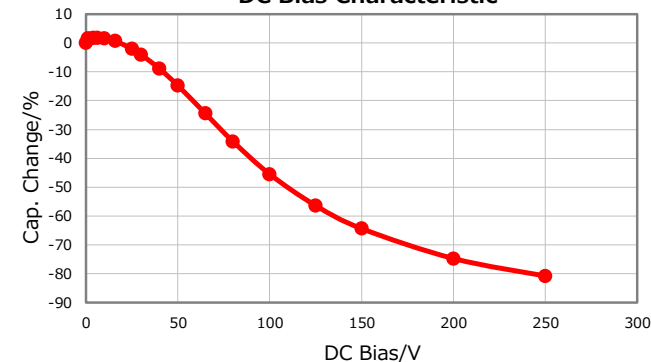
## Insulation Resistance

227 Mohm min.

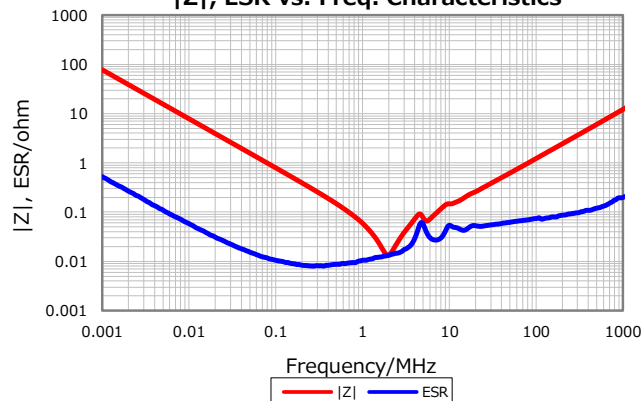
## AEC-Q200

Not Applicable

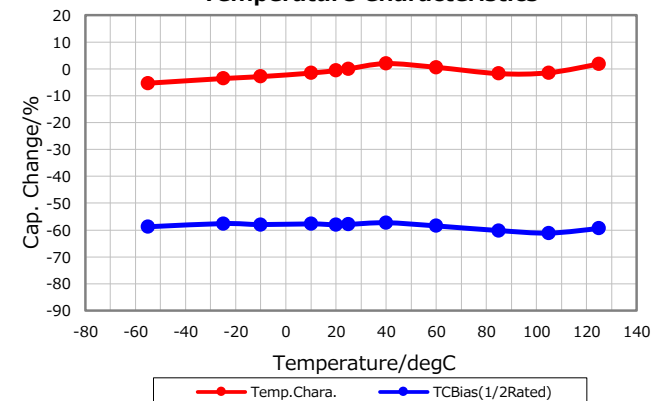
DC Bias Characteristic



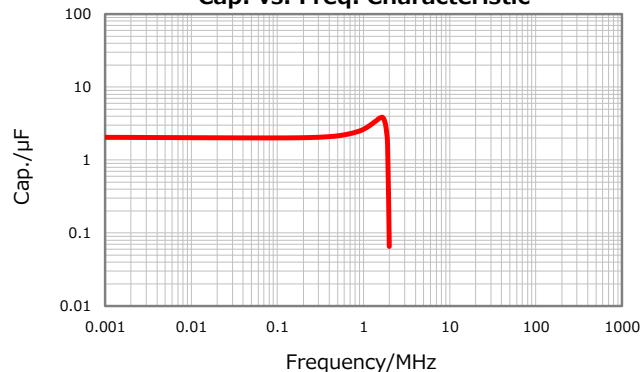
|Z|, ESR vs. Freq. Characteristics



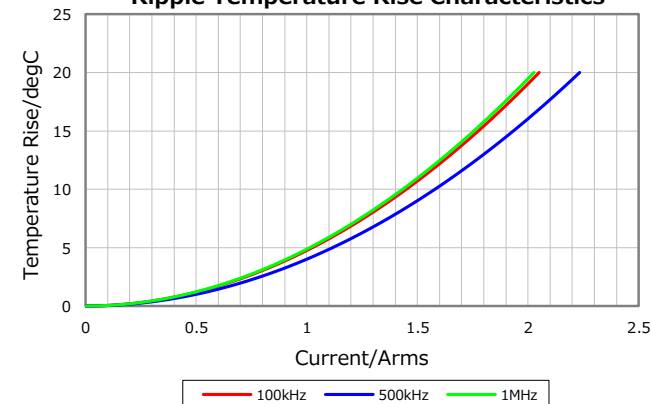
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



⚠ All specifications are subject to change without notice.

March 19, 2022