

# CKG57NX7T2J105M500JJ

TDK item description : CKG57NX7T2J105MT\*\*\*

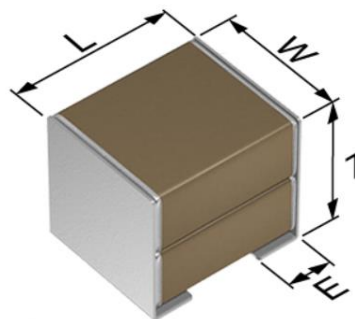


## Application & Main Feature

Automotive 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

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

## Rated Voltage

2J (630Vdc)

## Capacitance

1μF

## Capacitance Tolerance

M (±20%)

## DF

2.5 % max.

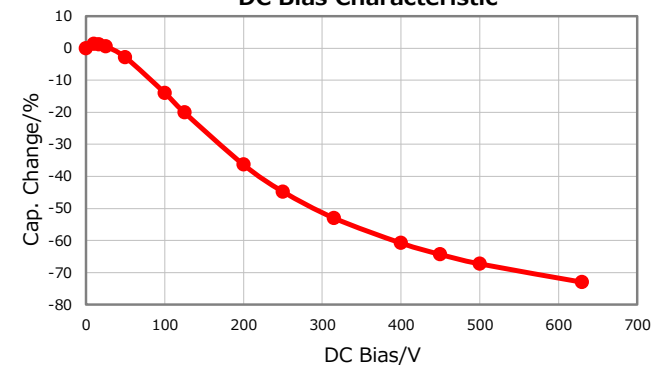
## Insulation Resistance

500 Mohm min.

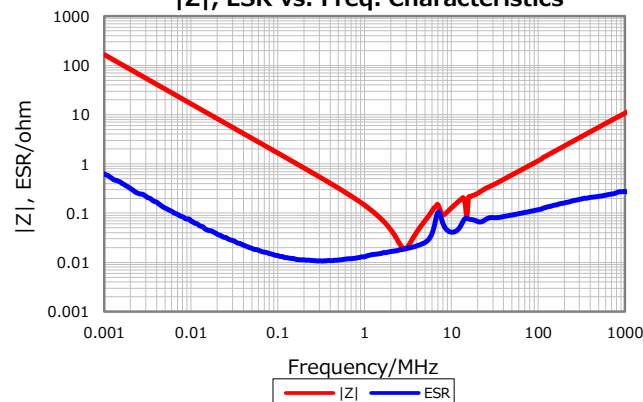
## AEC-Q200

Yes

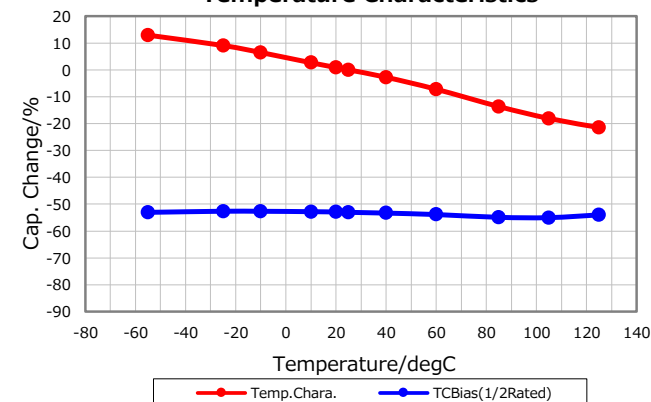
## DC Bias Characteristic



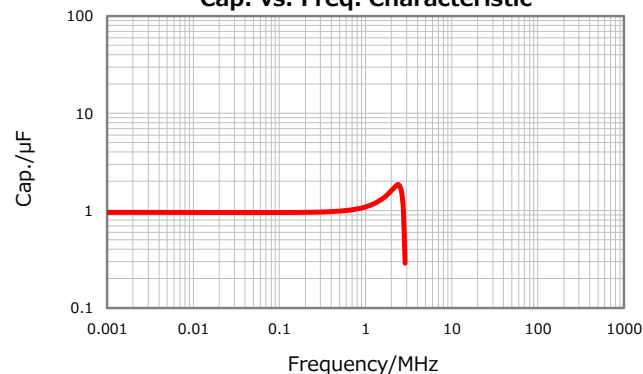
## |Z|, ESR vs. Freq. Characteristics



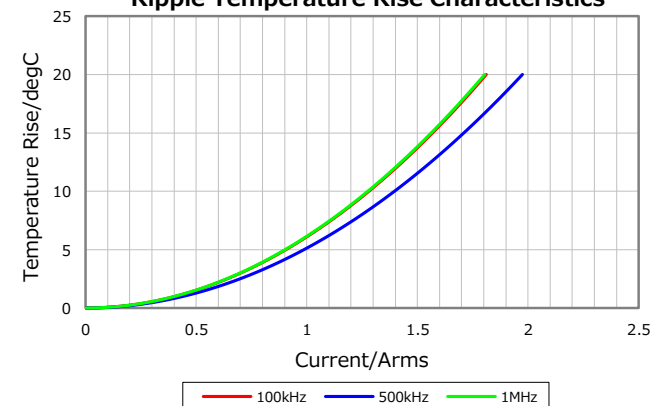
## Temperature Characteristics



## Cap. vs. Freq. Characteristic



## Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

January 31, 2022