

# CKG57NX7S1C107M500JJ

TDK Item Description : CKG57NX7S1C107MT\*\*\*\*

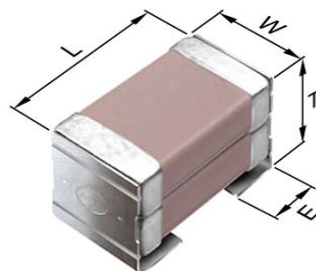


## Application & Main Feature

Automotive Grade ( MEGACAP Type )

## Series

CKG57N(5750) [EIA CC2220]



## Dimensions

L 6.00mm +/-0.5mm  
 W 5.00mm +/-0.5mm  
 T 5.00mm +/-0.5mm  
 E 1.60mm +/-0.3mm

## Temperature Characteristic

X7S (-55 to 125 degC +/-22%)

## Rated Voltage

1C (16Vdc)

## Capacitance

100uF

## Capacitance Tolerance

M (+/-20%)

## Dissipation Factor

7.5% Max.

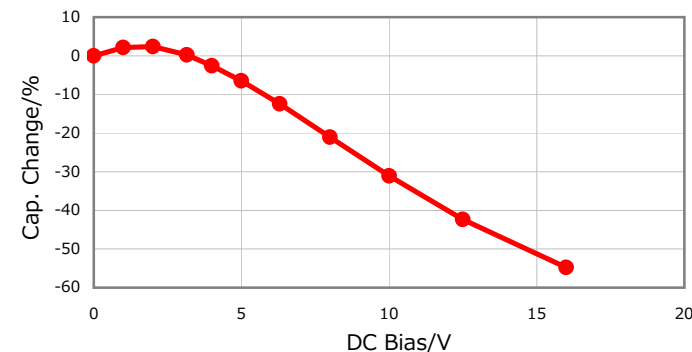
## Insulation Resistance

1Mohm Min.

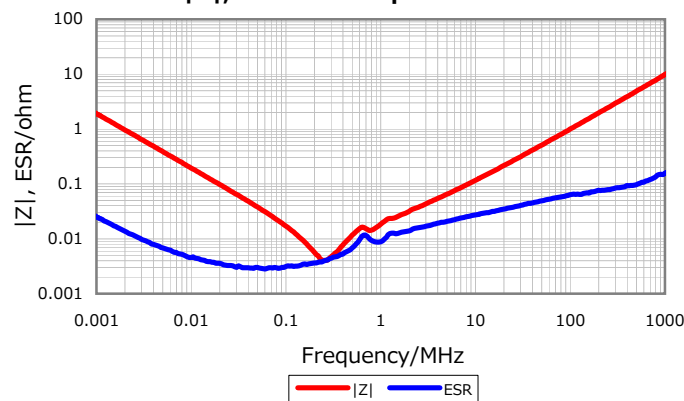
## AEC-Q200

Yes

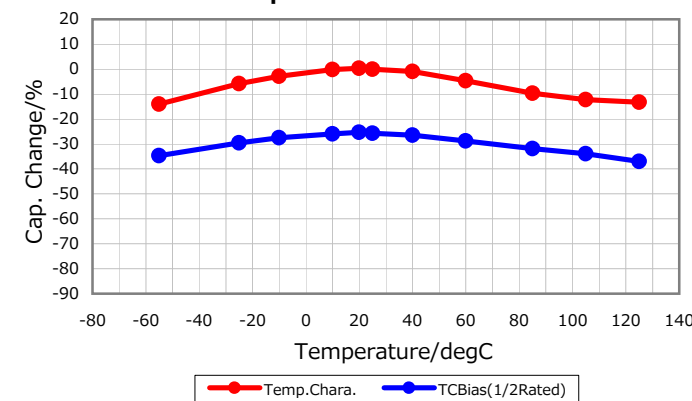
## DC Bias Characteristic



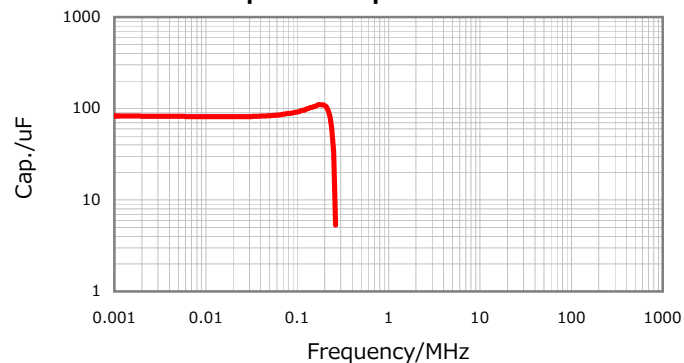
## |Z|, ESR vs. Freq. Characteristics



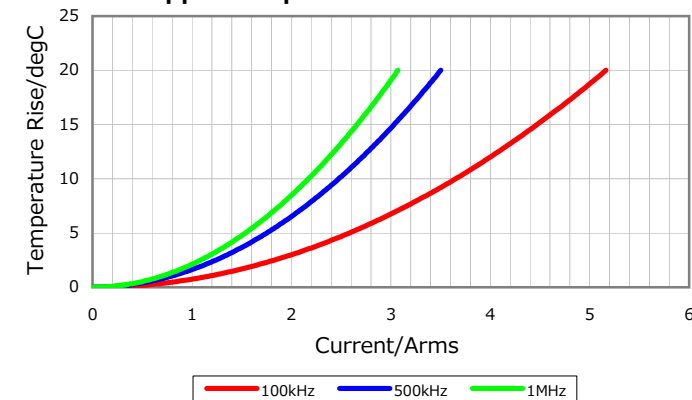
## Temperature Characteristics



## 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