

# CKG45NC0G2W943J500JJ

TDK Item Description : CKG45NC0G2W943JT\*\*\*\*

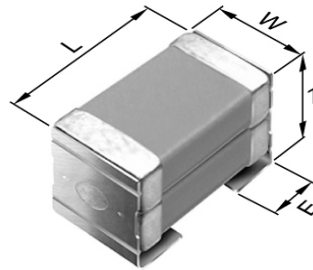


## Application & Main Feature

Automotive Grade ( MEGACAP Type )

## Series

CKG45N(4532) [EIA 1812]



## Dimensions

L	5.00mm ±0.50mm
W	3.50mm ±0.50mm
T	5.00mm ±0.50mm
E	1.10mm ±0.30mm

## Temperature Characteristic

C0G (-55 to 125 degC 0+/-30ppm/degC)

## Rated Voltage

2W(450Vdc)

## Capacitance

94nF

## Capacitance Tolerance

J (±5%)

## Q Factor

1000 Min.

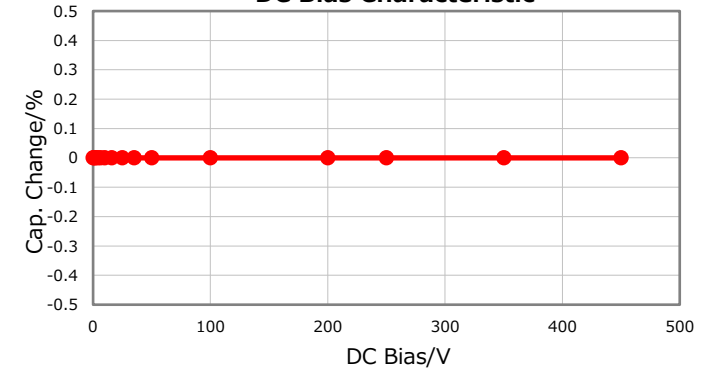
## Insulation Resistance

5.319Gohm Min

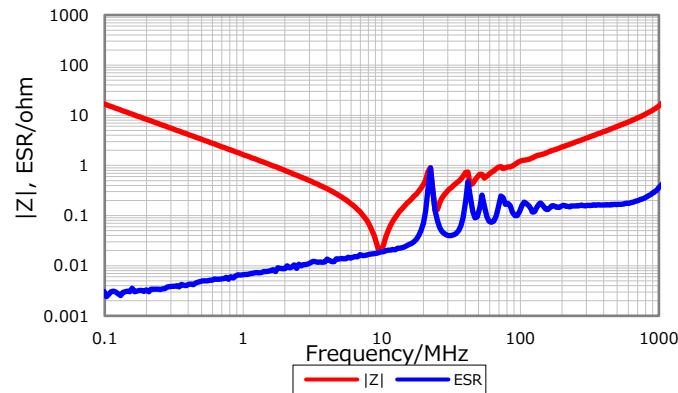
## AEC-Q200

Yes

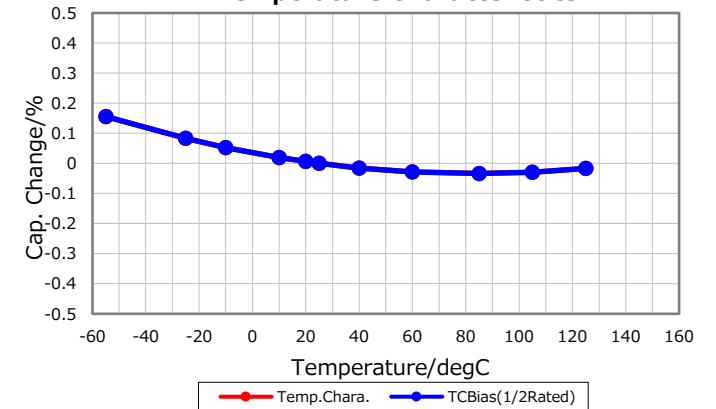
## DC Bias Characteristic



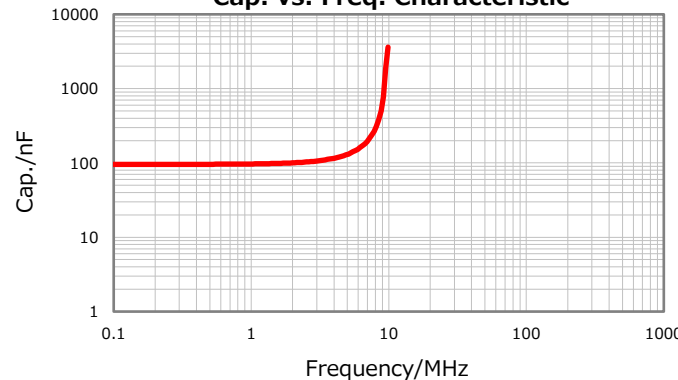
## |Z|, ESR vs. Freq. Characteristics



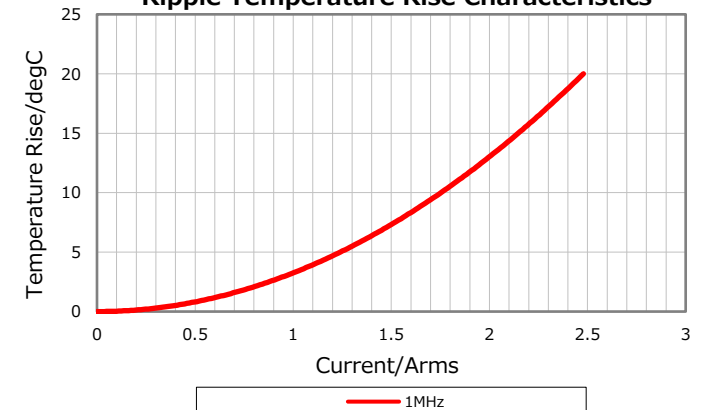
## Temperature Characteristics



## Cap. vs. Freq. Characteristic



## Ripple Temperature Rise Characteristics



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

May 22, 2019