

# CGA5H1C0G2A473J115AE

TDK Item Description : CGA5H1C0G2A473JT\*\*\*S



Equivalent C3216C0G2A473J for Automotive

## Application & Main Feature

Automotive Grade ( Soft Termination )

## Series

CGA5(3216) [EIA 1206]



## Dimensions

L	3.20mm +0.4,-0.2mm
W	1.60mm +0.3,-0.2mm
T	1.15mm ±0.15mm
B	0.20mm Min.
G	1.00mm Min.

## Temperature Characteristic

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

## Rated Voltage

2A(100Vdc)

## Capacitance

47nF

## Capacitance Tolerance

J (±5%)

## Q Factor

1000 Min.

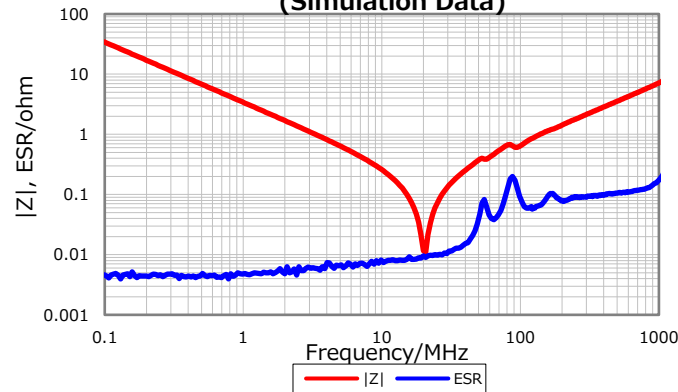
## Insulation Resistance

10Gohm Min

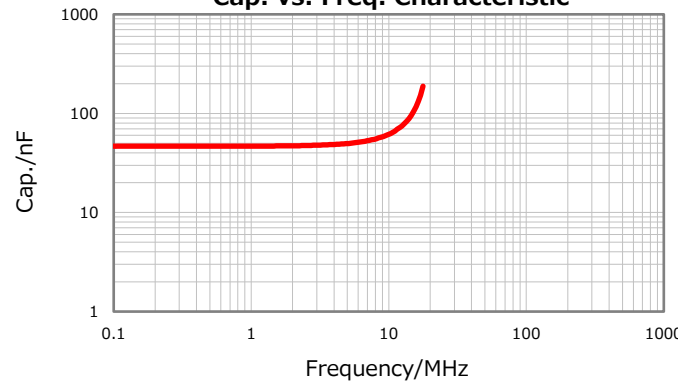
## AEC-Q200

Yes

## |Z|, ESR vs. Freq. Characteristics (Simulation Data)



## Cap. vs. Freq. Characteristic



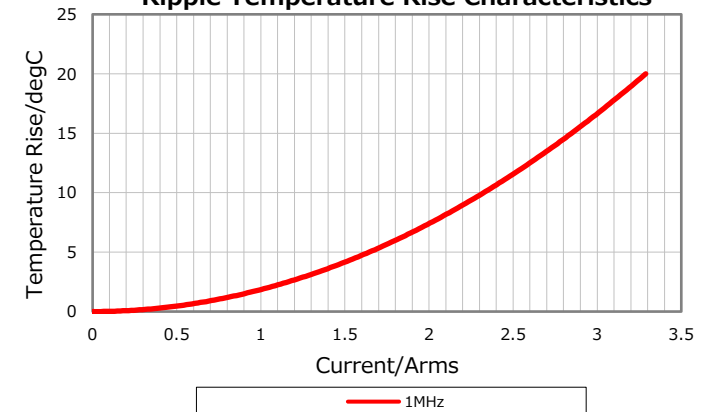
## DC Bias Characteristic



## Temperature Characteristics



## Ripple Temperature Rise Characteristics



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

June 24, 2019