

# CGA5L1X8R1E475K160AD

TDK Item Description : CGA5L1X8R1E475KT\*\*B



Equivalent C3216X8R1E475K for Automotive

## Application & Main Feature

Automotive Grade ( Conductive Epoxy Application )

## Series

CGA5(3216) [EIA 1206]

## Dimensions

|   |                    |
|---|--------------------|
| L | 3.20mm +0.3,-0.1mm |
| W | 1.60mm +0.3,-0.1mm |
| T | 1.60mm +0.3,-0.1mm |
| B | 0.20mm Min.        |
| G | 1.00mm Min.        |

## Temperature Characteristic

X8R (-55 to 150 degC +/-15%)

## Rated Voltage

1E(25Vdc)

## Capacitance

4.7uF

## Capacitance Tolerance

K (±10%)

## Dissipation Factor

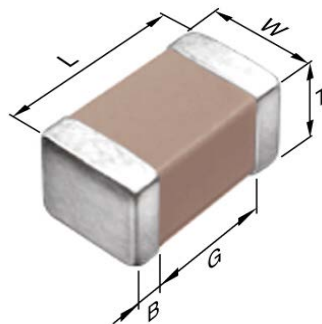
5% Max.

## Insulation Resistance

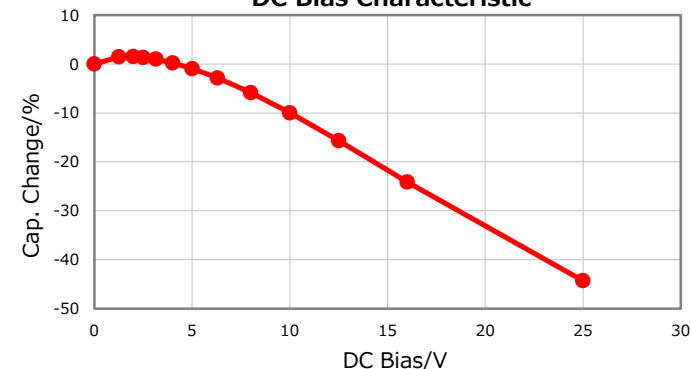
106Mohm Min.

## AEC-Q200

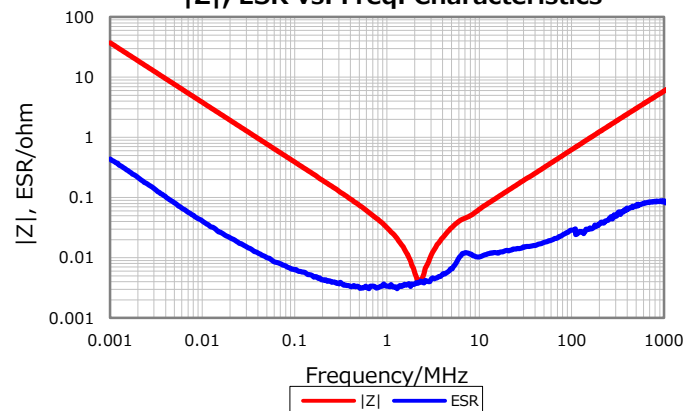
Yes



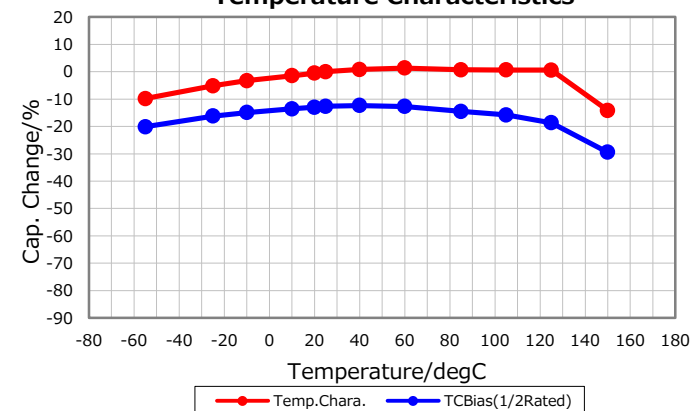
## DC Bias Characteristic



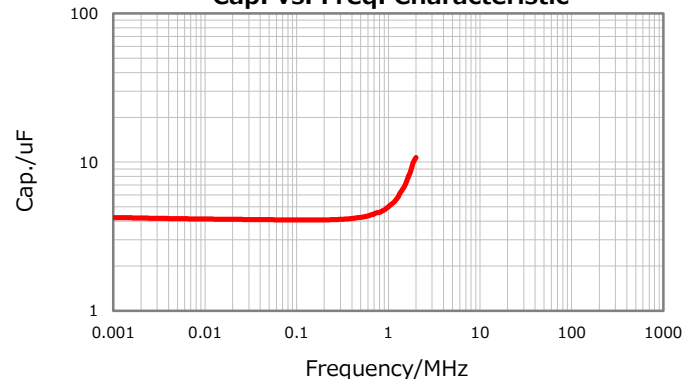
## |Z|, ESR vs. Freq. Characteristics



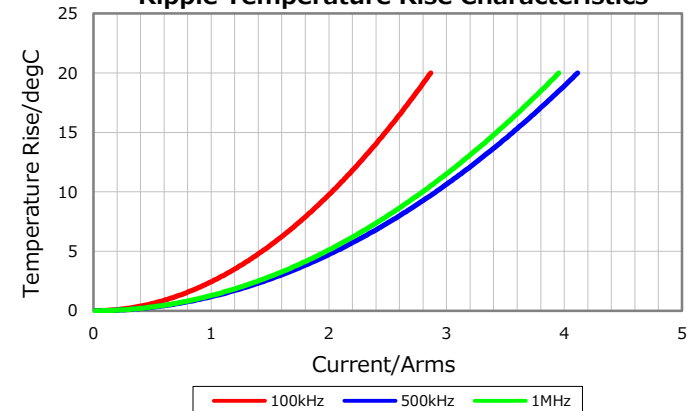
## Temperature Characteristics



## Cap. vs. Freq. Characteristic



## Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

October 24, 2018