

# CGA4J1X7R1E475K125AD

TDK Item Description : CGA4J1X7R1E475KT\*\*B



Equivalent C2012X7R1E475K for Automotive

## Application & Main Feature

Automotive Grade ( Conductive Epoxy Application )

## Series

CGA4(2012) [EIA CC0805]



## Dimensions

L	2.00mm +0.35,-0.25mm
W	1.25mm +0.3,-0.25mm
T	1.25mm +0.3,-0.25mm
B	0.20mm Min.
G	0.50mm Min.

## Temperature Characteristic

X7R (-55 to 125 degC +/-15%)

## Rated Voltage

1E (25Vdc)

## Capacitance

4.7uF

## Capacitance Tolerance

K (+/-10%)

## Dissipation Factor

7.5% Max.

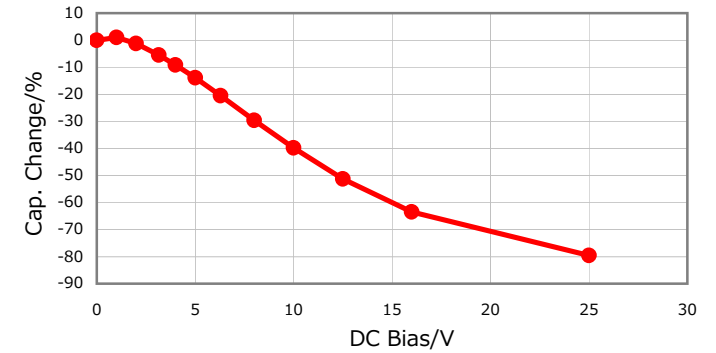
## Insulation Resistance

106Mohm Min.

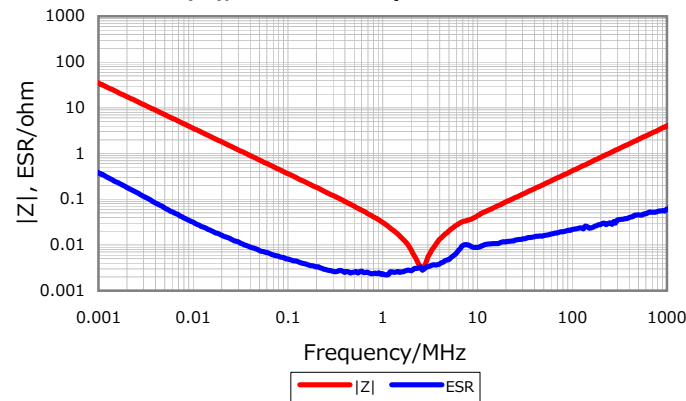
## AEC-Q200

Yes

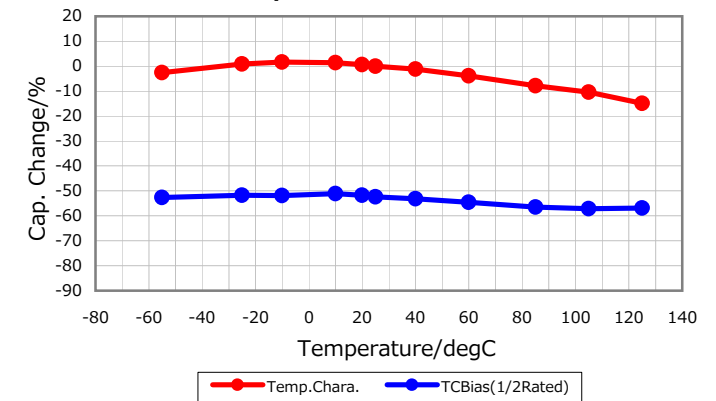
## DC Bias Characteristic



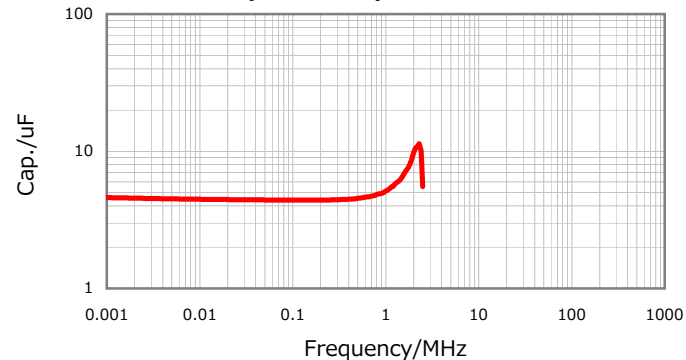
## |Z|, ESR vs. Freq. Characteristics



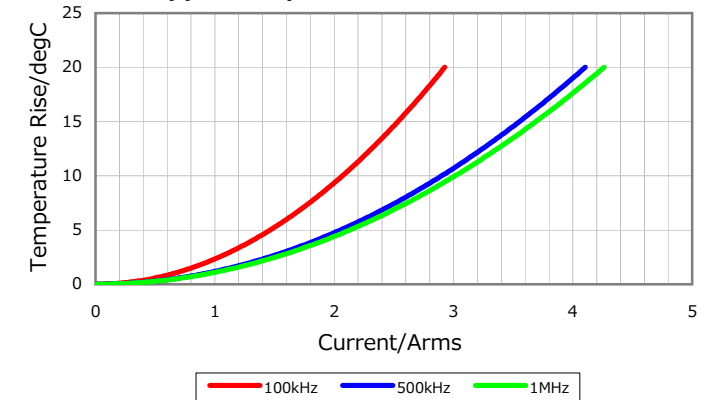
## Temperature Characteristics



## Cap. vs. Freq. Characteristic



## Ripple Temperature Rise Characteristics



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

January 4, 2016