

# CGA6P1X7R1E106K250AC

TDK Item Description : CGA6P1X7R1E106KT\*\*\*



Equivalent C3225X7R1E106K for Automotive

## Application & Main Feature

Automotive Grade ( General (Up to 50V) )

## Series

CGA6(3225) [EIA CC1210]

## Dimensions

L 3.20mm +/-0.4mm  
W 2.50mm +/-0.3mm  
T 2.50mm +/-0.3mm  
B 0.20mm Min.  
G

## Temperature Characteristic

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

## Rated Voltage

1E (25Vdc)

## Capacitance

10uF

## Capacitance Tolerance

K (+/-10%)

## Dissipation Factor

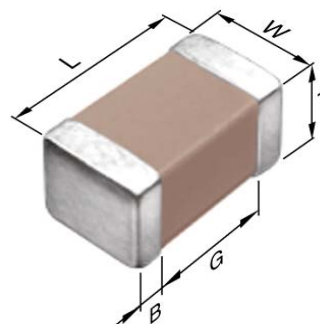
3% Max.

## Insulation Resistance

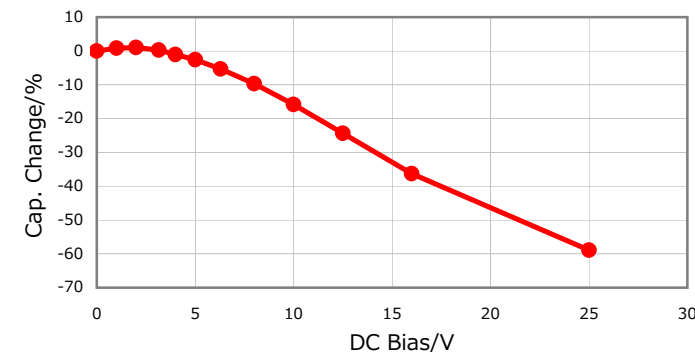
50Mohm Min.

## AEC-Q200

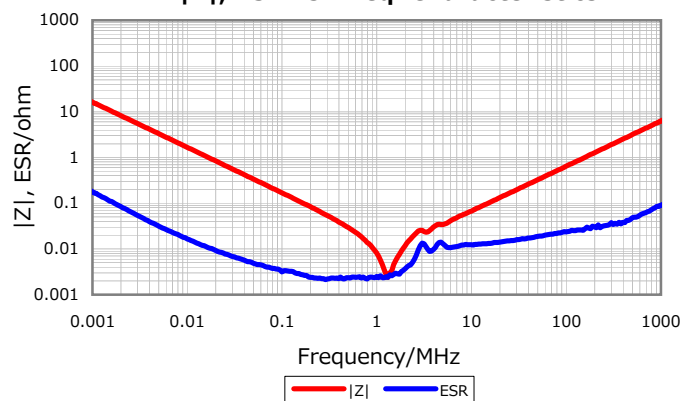
Yes



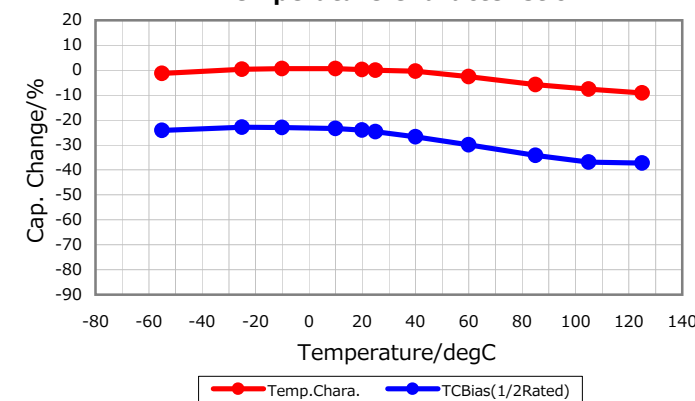
## DC Bias Characteristic



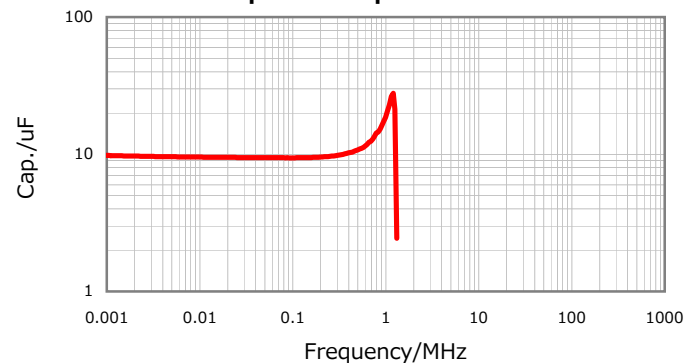
## |Z|, ESR vs. Freq. Characteristics



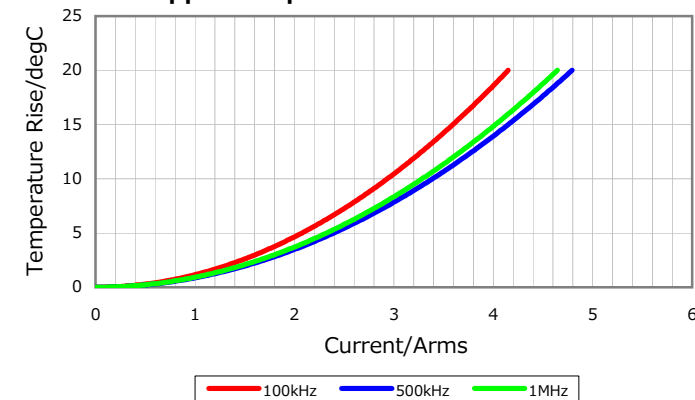
## Temperature Characteristic



## Cap. vs. Freq. Characteristic



## Ripple Temperature Rise Characteristic



All specifications are subject to change without notice.

September 28, 2013

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