

CGA4J1X7R0J106K125AC

TDK Item Description : CGA4J1X7R0J106KT****



Equivalent C2012X7R0J106K for Automotive

Application & Main Feature

Automotive Grade (General (Up to 50V))

Series

CGA4(2012) [EIA CC0805]



Dimensions

L 2.00mm +/-0.2mm
 W 1.25mm +/-0.2mm
 T 1.25mm +/-0.2mm
 B 0.20mm Min.
 G 0.50mm Min.

Temperature Characteristic

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

Rated Voltage

0J (6.3Vdc)

Capacitance

10uF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

10% Max.

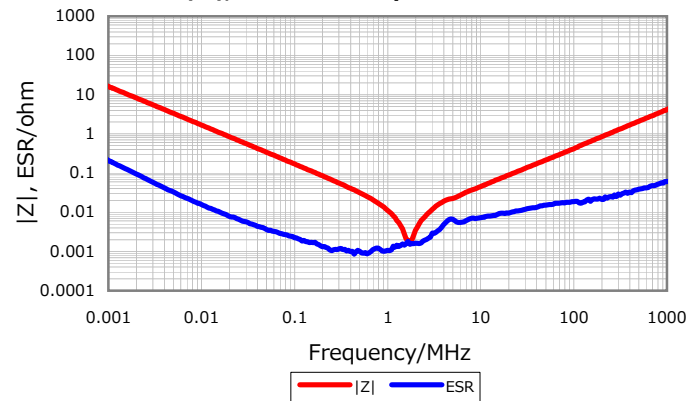
Insulation Resistance

10Mohm Min.

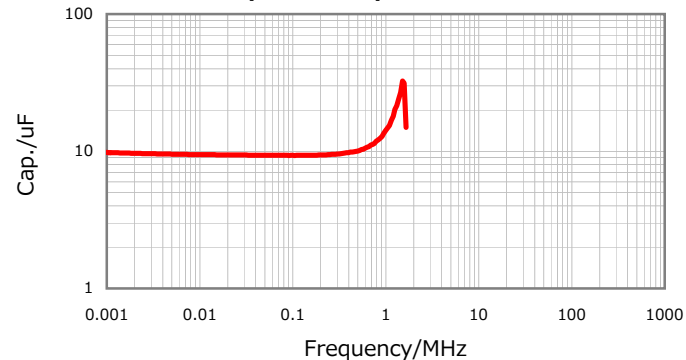
AEC-Q200

Yes

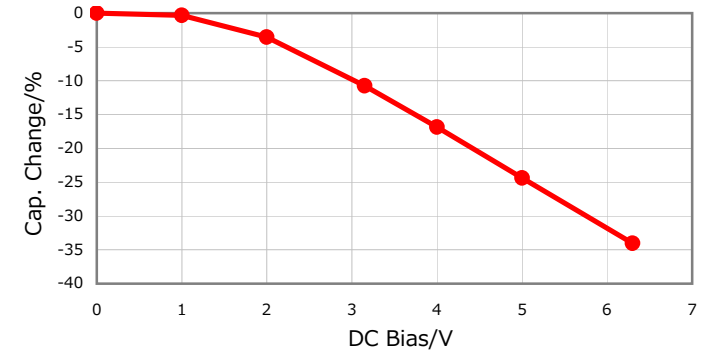
|Z|, ESR vs. Freq. Characteristics



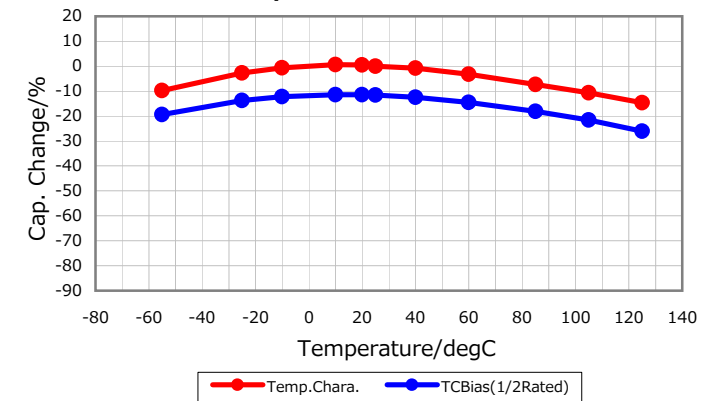
Cap. vs. Freq. Characteristic



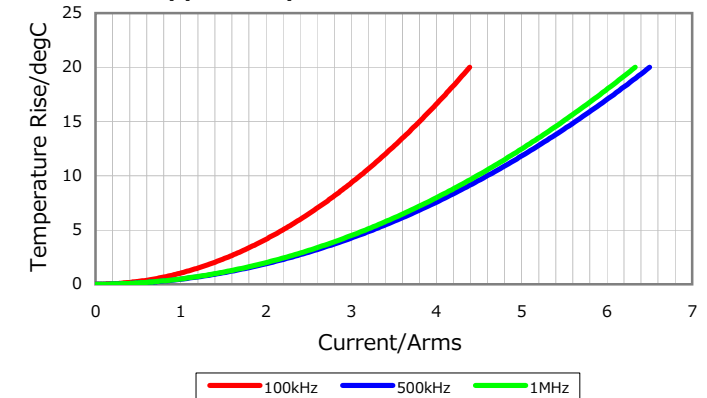
DC Bias Characteristic



Temperature Characteristics



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

January 4, 2016