

CGA1A2X7R1C221K030BA

TDK Item Description : CGA1A2X7R1C221KT****

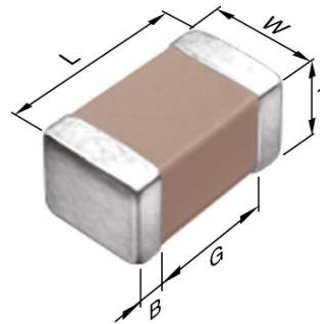


Application & Main Feature

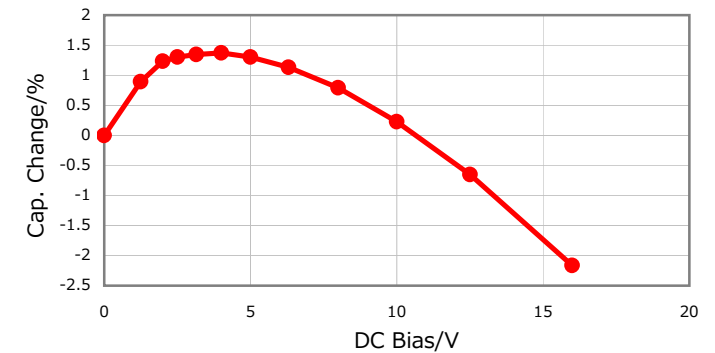
Automotive Grade (General (Up to 50V))

Series

CGA1(0603) [EIA CC0201]



DC Bias Characteristic



Dimensions

L 0.60mm +/-0.03mm
W 0.30mm +/-0.03mm
T 0.30mm +/-0.03mm
B 0.10mm Min.
G 0.20mm Min.

Temperature Characteristic

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

Rated Voltage

1C (16Vdc)

Capacitance

220pF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

5% Max.

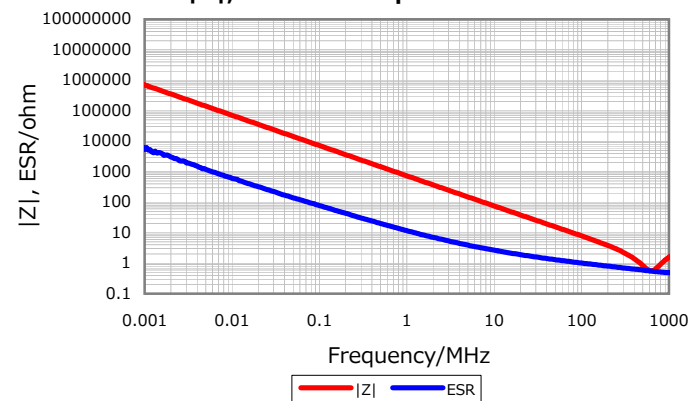
Insulation Resistance

10Gohm Min.

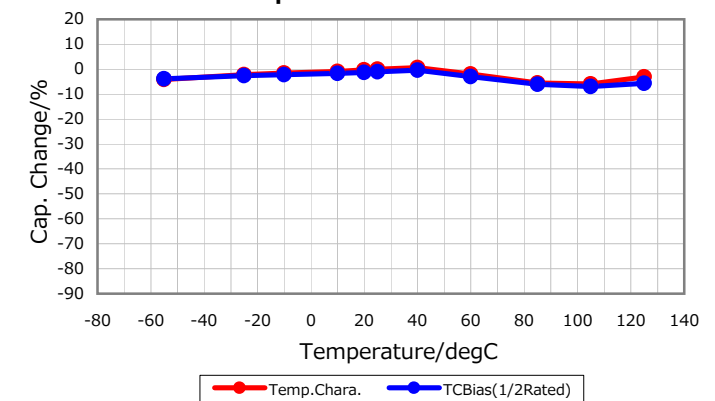
AEC-Q200

Yes

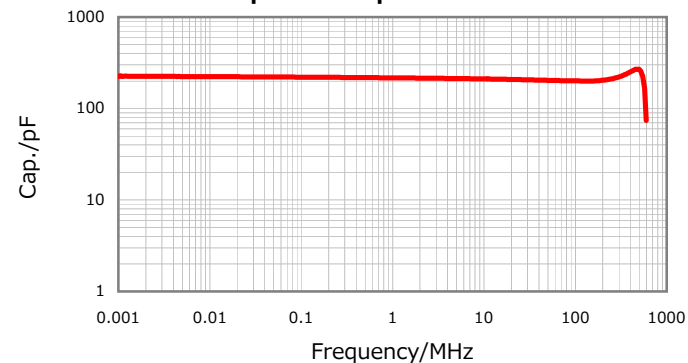
|Z|, ESR vs. Freq. Characteristics



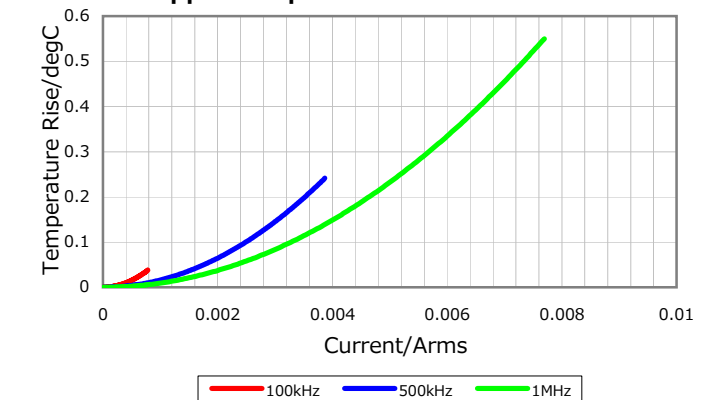
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

January 4, 2016