CGA3E3X8R2A223M080AB

TDK Item Description : CGA3E3X8R2A223MT****

Lead Free | Halogen Free | REACH | RoHS COMPLIANT

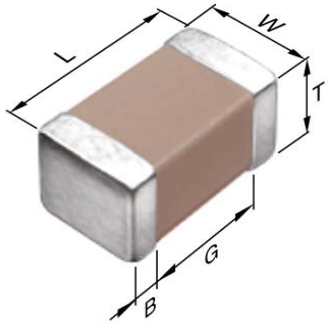
Characterization Sheet (Multilayer Ceramic Chip Capacitors)

Application & Main Feature

Automotive Grade (High Temperature Application)

Series

CGA3(1608) [EIA CC0603]



Dimensions

L	1.60mm +/-0.1mm
W	0.80mm +/-0.1mm
T	0.80mm +/-0.1mm
B	0.20mm Min.
G	0.30mm Min.

Temperature Characteristic

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

Rated Voltage

2A (100Vdc)

Capacitance

22nF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

3% Max.

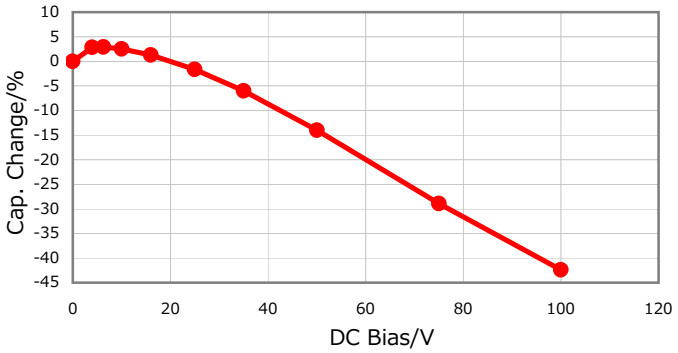
Insulation Resistance

10Gohm Min.

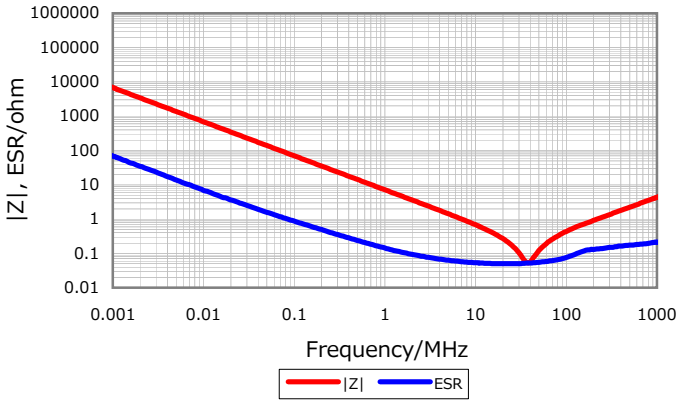
AEC-Q200

Yes

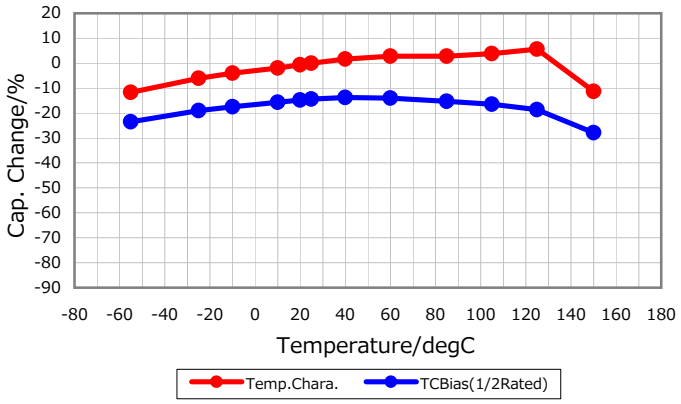
DC Bias Characteristic



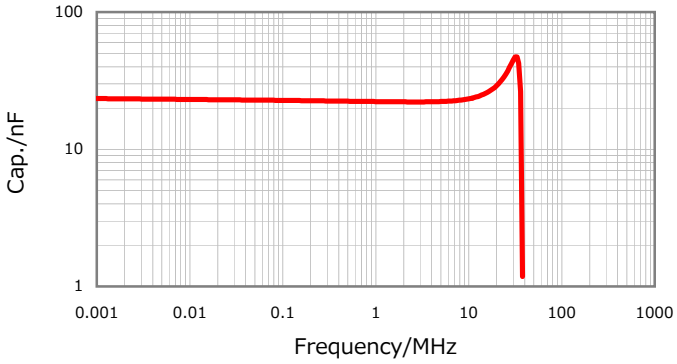
|Z|, ESR vs. Freq. Characteristics



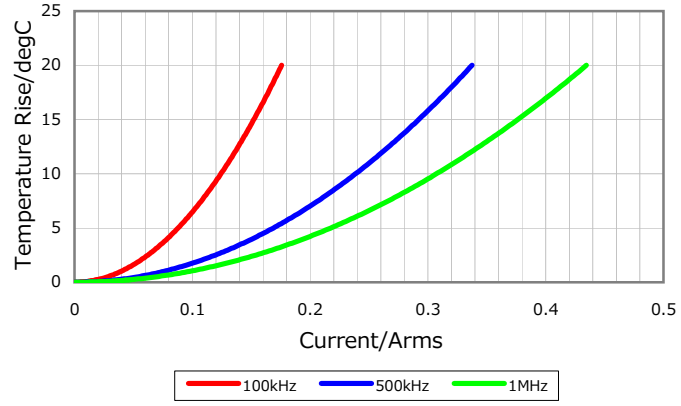
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



TDK

All specifications are subject to change without notice.

January 4, 2016

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