

CGA3E3X8R1C334K080AB

TDK Item Description : CGA3E3X8R1C334KT****



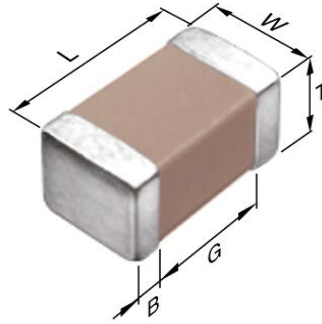
Equivalent C1608X8R1C334K for Automotive

Application & Main Feature

Automotive Grade (High Temperature Application)

Series

CGA3(1608) [EIA 0603]



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 deg +/-15%)

Rated Voltage

1C (16Vdc)

Capacitance

330nF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

5% Max.

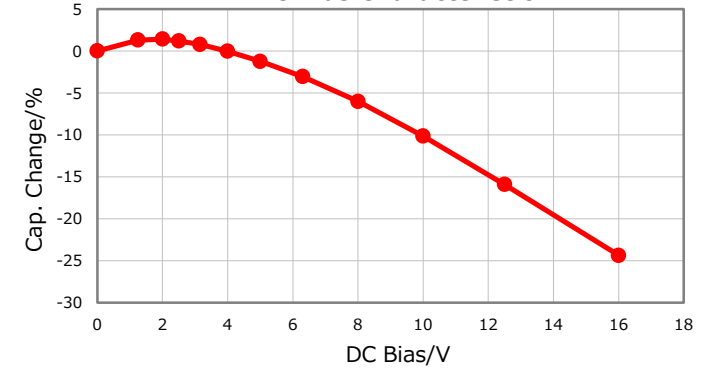
Insulation Resistance

303Mohm Min.

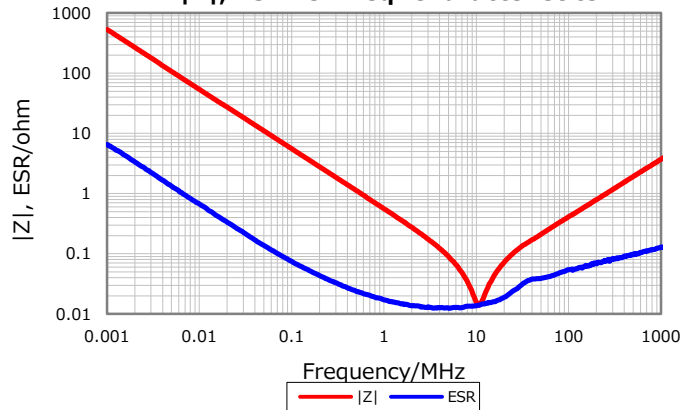
AEC-Q200

Yes

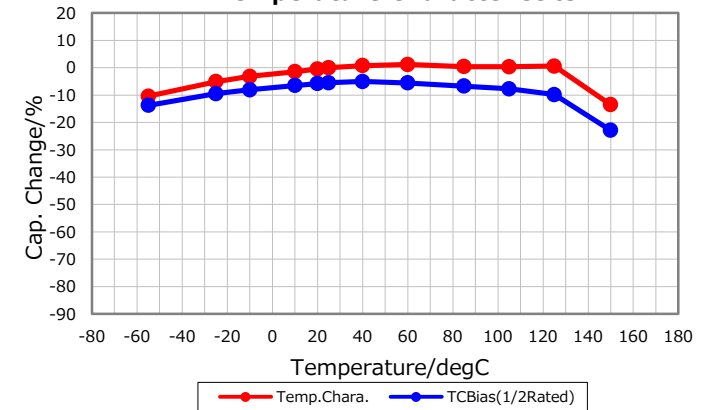
DC Bias Characteristic



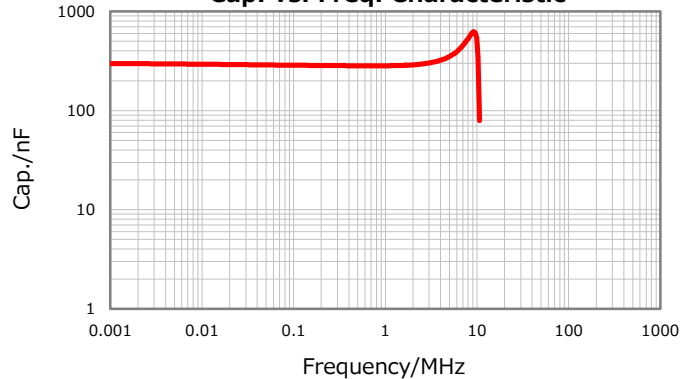
|Z|, ESR vs. Freq. Characteristics



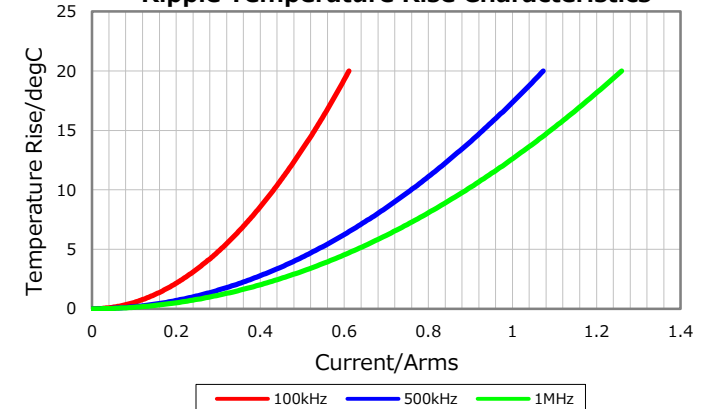
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

June 5, 2018