

CGA3E3X7R1E334M080AD

TDK item description : CGA3E3X7R1E334MT***B



Equivalent C1608X7R1E334M for Automotive

Application & Main Feature

Automotive grade (Conductive epoxy application)

Series

CGA3(1608) [EIA 0603]

Dimensions

L	1.60±0.15 mm
W	0.80±0.15 mm
T	0.80±0.15 mm
B	0.20 mm min.
G	0.30 mm min.

Temperature Characteristic

X7R (-55 to +125 degC, ±15%)

Rated Voltage

1E (25Vdc)

Capacitance

330nF

Capacitance Tolerance

M (±20%)

Dissipation Factor

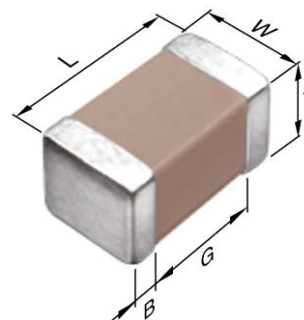
5 % max.

Insulation Resistance

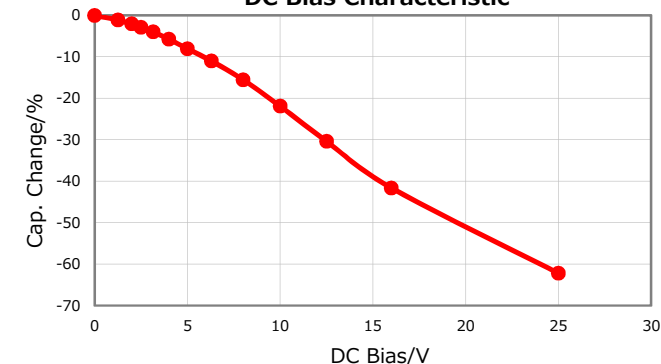
1515 Mohm min.

AEC-Q200

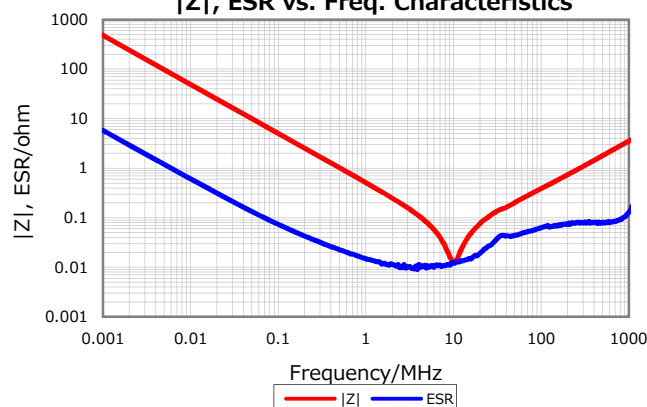
Yes



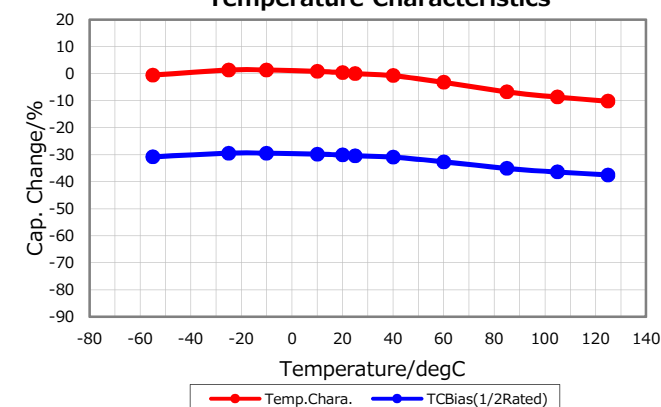
DC Bias Characteristic



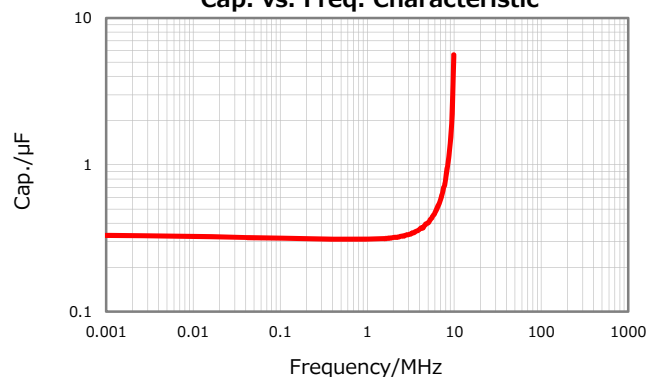
|Z|, ESR vs. Freq. Characteristics



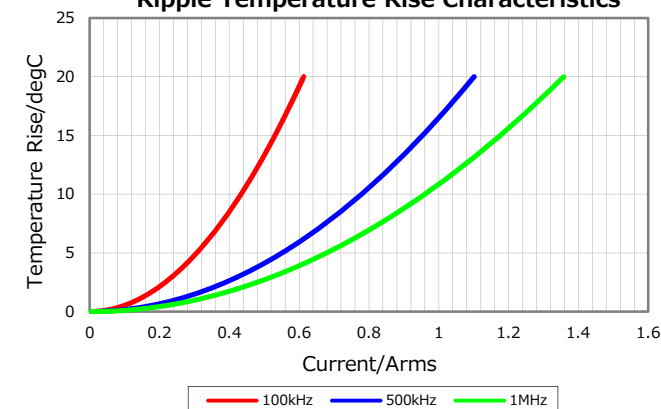
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

January 10, 2020