

CGA3E3X5R1A155M080AB

TDK Item Description : CGA3E3X5R1A155MT****



Equivalent C1608X5R1A155M for Automotive

Application & Main Feature

Automotive Grade(Up to 50V)

Series

CGA3(1608) [EIA 0603]

Dimensions

L	1.60mm ±0.10mm
W	0.80mm ±0.10mm
T	0.80mm ±0.10mm
B	0.20mm Min.
G	0.30mm Min.

Temperature Characteristic

X5R (-55 to 85 degC +/-15%)

Rated Voltage

1A(10Vdc)

Capacitance

1.5uF

Capacitance Tolerance

M (±20%)

Dissipation Factor

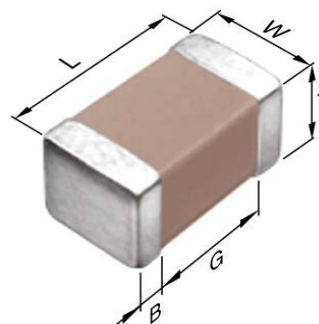
10% Max.

Insulation Resistance

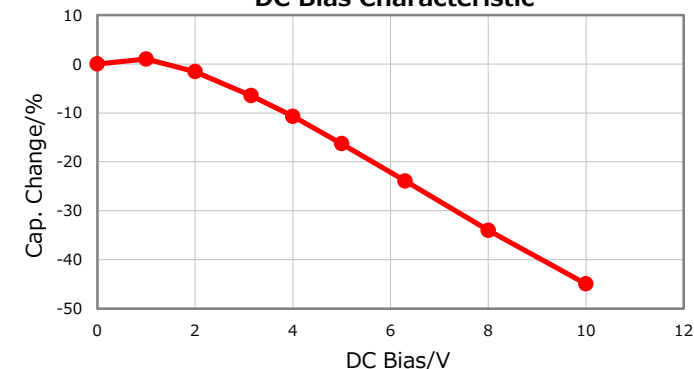
66Mohm Min.

AEC-Q200

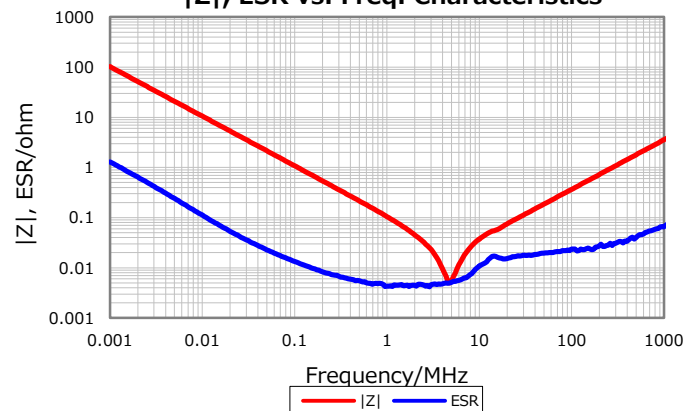
Yes



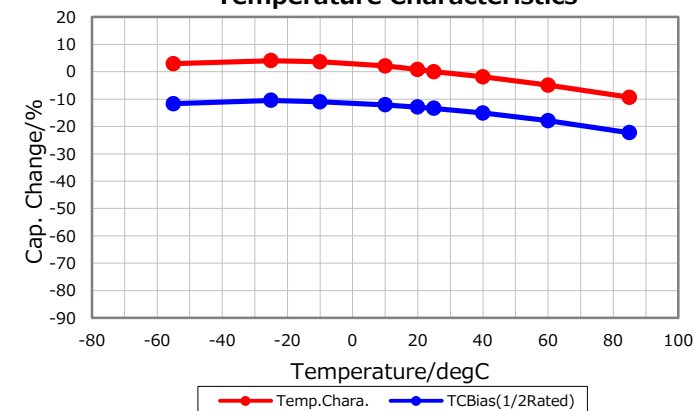
DC Bias Characteristic



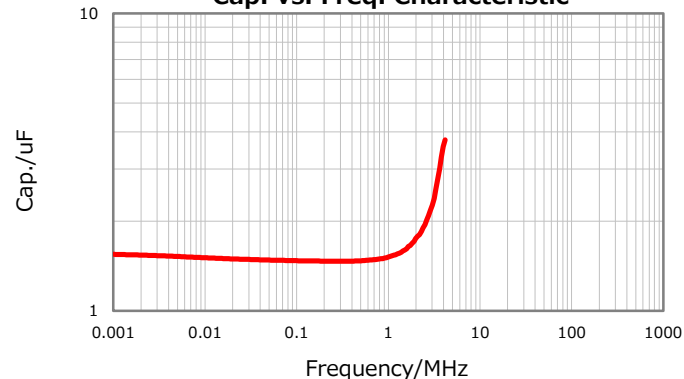
|Z|, ESR vs. Freq. Characteristics



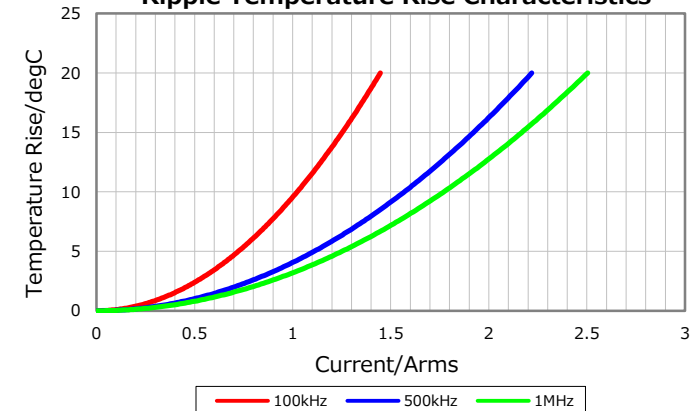
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

October 24, 2018