

CGA3E3X7S1A155M080AB

TDK item description : CGA3E3X7S1A155MT****



Equivalent C1608X7S1A155M for Automotive

Application & Main Feature

Automotive grade (General type)

Series

CGA3(1608) [EIA 0603]

Dimensions

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

Temperature Characteristic

X7S (-55 to +125 degC, ±22%)

Rated Voltage

1A (10Vdc)

Capacitance

1.5μF

Capacitance Tolerance

M (±20%)

DF

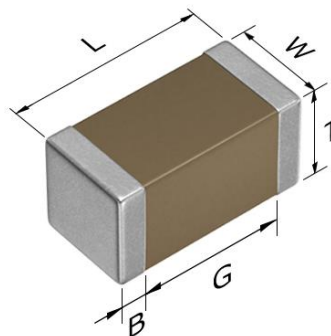
7.5 % max.

Insulation Resistance

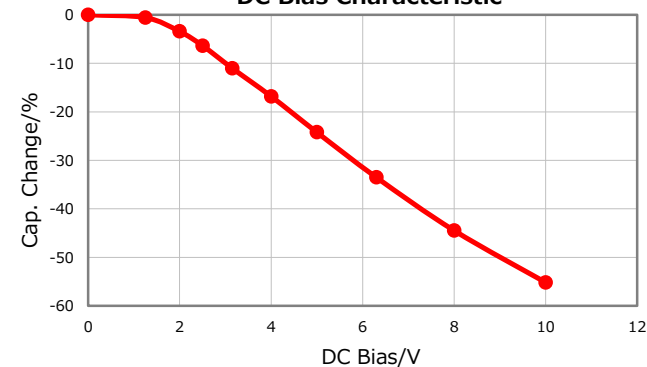
66 Mohm min.

AEC-Q200

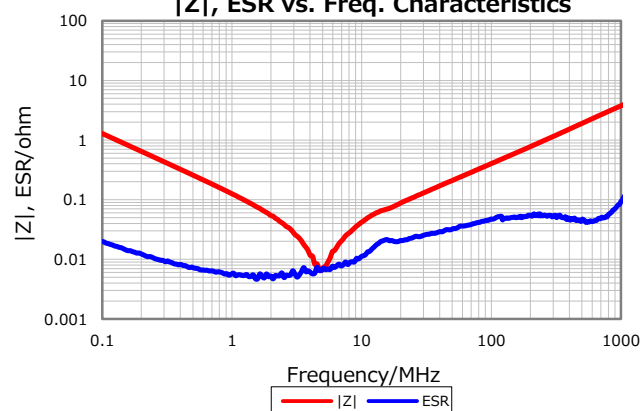
Yes



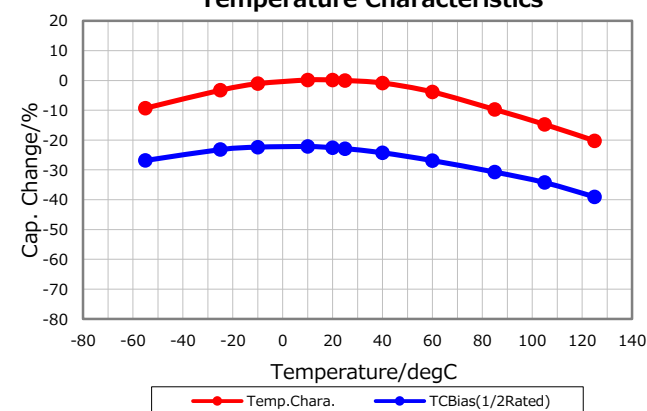
DC Bias Characteristic



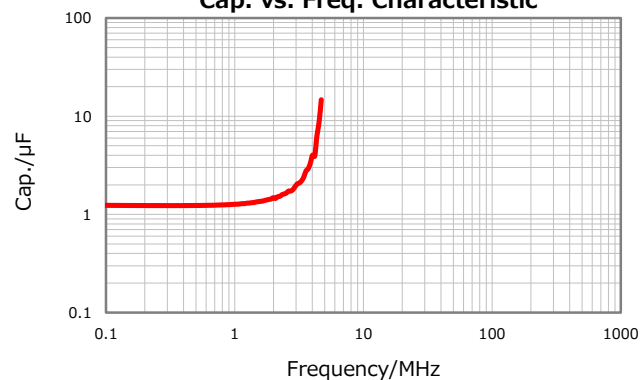
|Z|, ESR vs. Freq. Characteristics



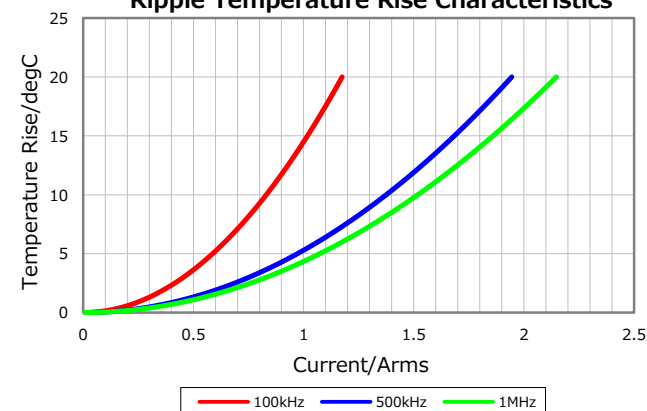
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

January 10, 2021