

CGA3E3X5R1V224M080AB

TDK item description : CGA3E3X5R1V224MT****



Equivalent C1608X5R1V224M 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

X5R (-55 to +85 degC, ±15%)

Rated Voltage

1V (35Vdc)

Capacitance

220nF

Capacitance Tolerance

M (±20%)

Dissipation Factor

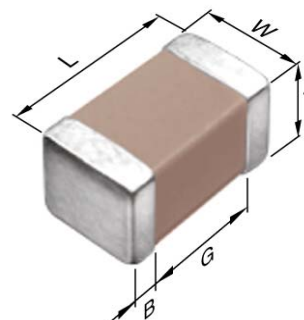
5 % max.

Insulation Resistance

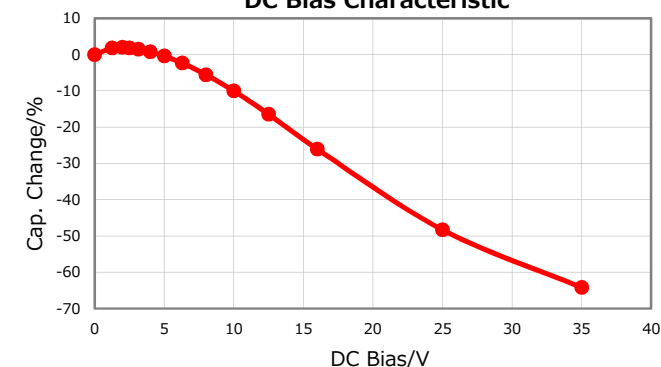
2272 Mohm min.

AEC-Q200

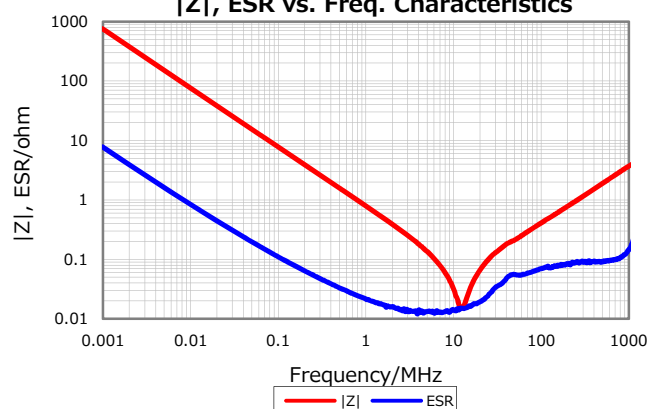
Yes



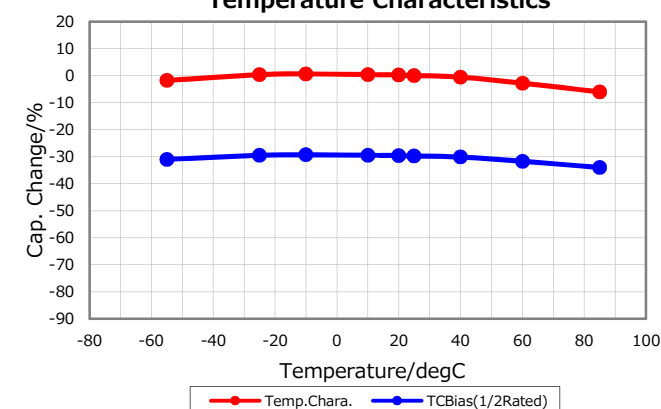
DC Bias Characteristic



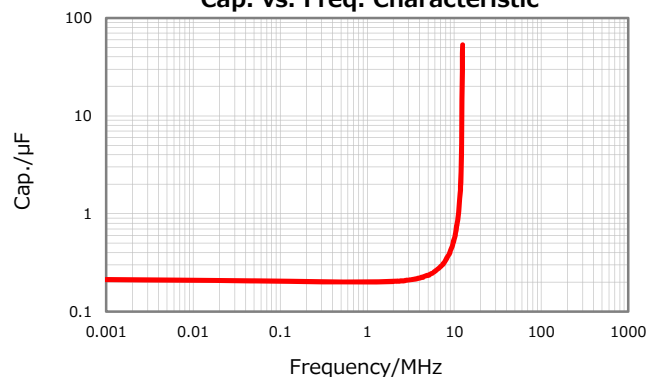
|Z|, ESR vs. Freq. Characteristics



Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics

