

CGA5L3X8R1E225K160AD

TDK Item Description : CGA5L3X8R1E225KT**B



Equivalent C3216X8R1E225K for Automotive

Application & Main Feature

Automotive Grade (Conductive Epoxy Application)

Series

CGA5(3216) [EIA 1206]

Dimensions

L	3.20mm +0.3,-0.1mm
W	1.60mm +0.3,-0.1mm
T	1.60mm +0.3,-0.1mm
B	0.20mm Min.
G	1.00mm Min.

Temperature Characteristic

X8R (-55 to 150 degC +/-15%)

Rated Voltage

1E(25Vdc)

Capacitance

2.2uF

Capacitance Tolerance

K (±10%)

Dissipation Factor

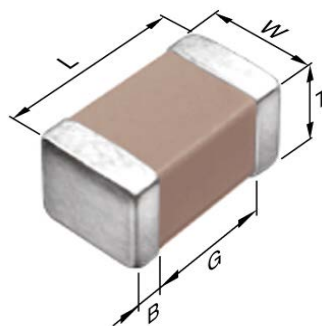
3% Max.

Insulation Resistance

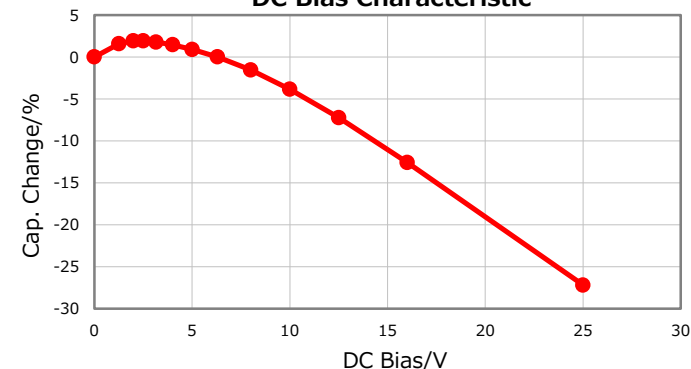
227Mohm Min.

AEC-Q200

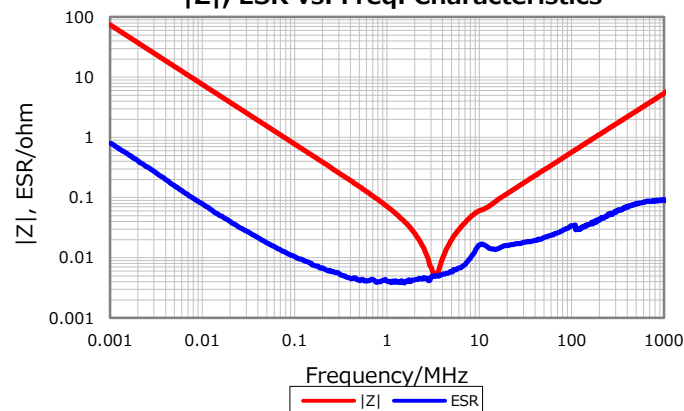
Yes



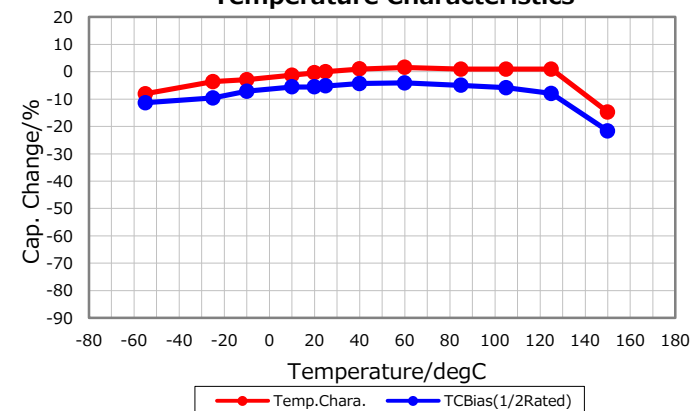
DC Bias Characteristic



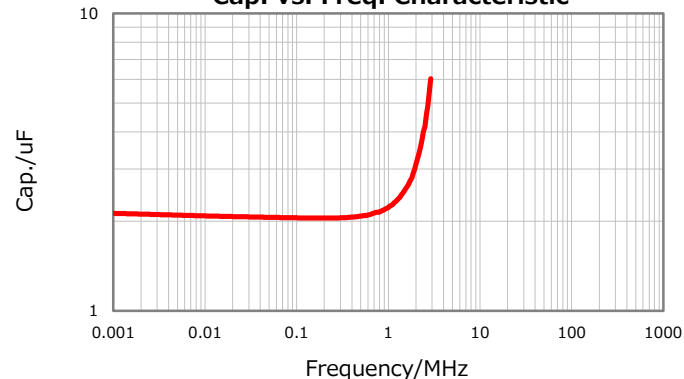
|Z|, ESR vs. Freq. Characteristics



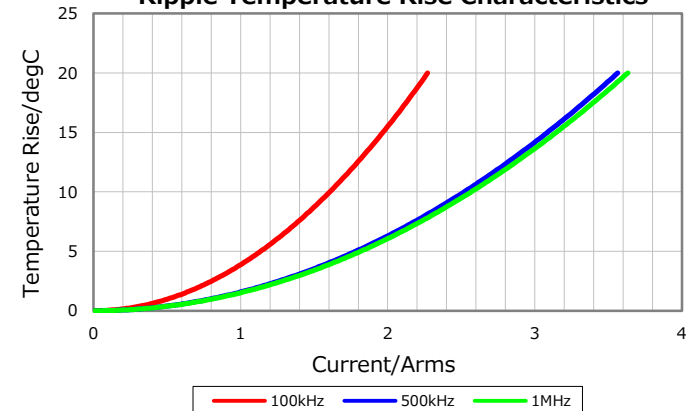
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

October 24, 2018