

CGA6P3X8R1C106K250AD

TDK Item Description : CGA6P3X8R1C106KT***B



Equivalent C3225X8R1C106K for Automotive

Application & Main Feature

Automotive Grade (Conductive Epoxy Application)

Series

CGA6(3225) [EIA 1210]

Dimensions

L	3.20mm ±0.45mm
W	2.50mm ±0.30mm
T	2.50mm ±0.30mm
B	0.20mm Min.
G	

Temperature Characteristic

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

Rated Voltage

1C(16Vdc)

Capacitance

10uF

Capacitance Tolerance

K (±10%)

Dissipation Factor

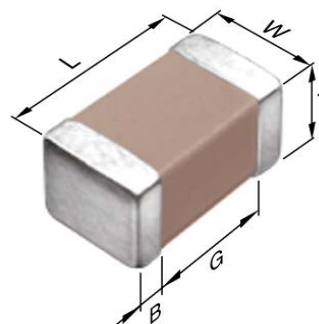
5% Max.

Insulation Resistance

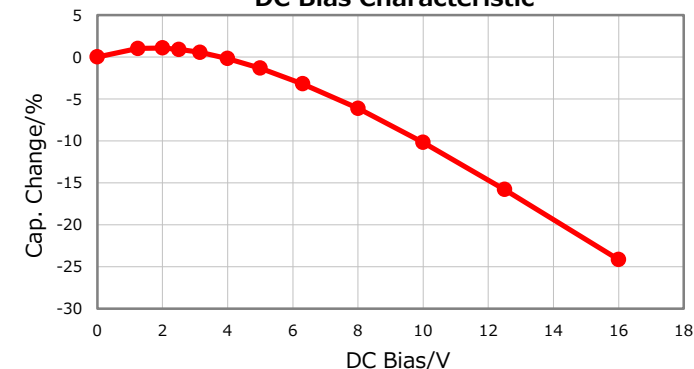
10Mohm Min.

AEC-Q200

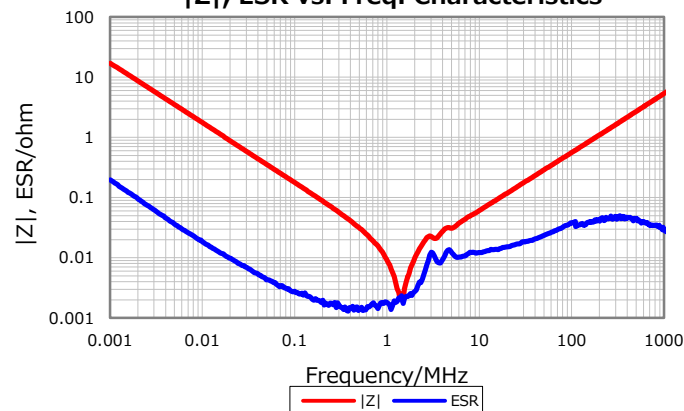
Yes



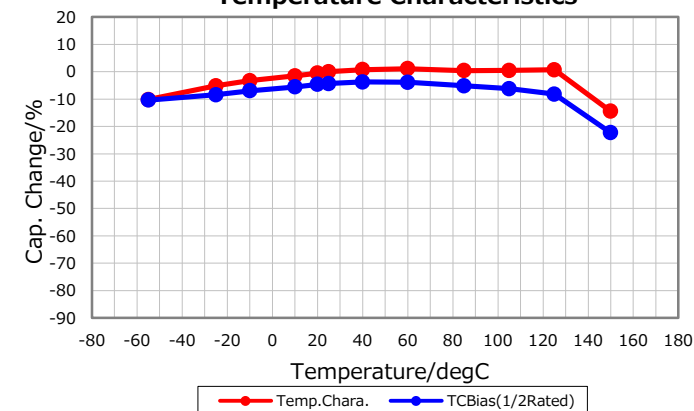
DC Bias Characteristic



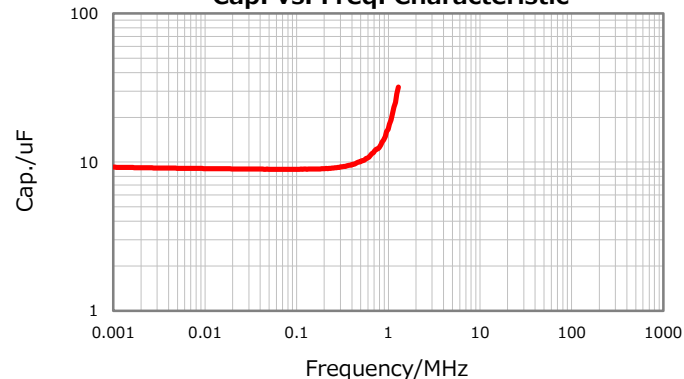
|Z|, ESR vs. Freq. Characteristics



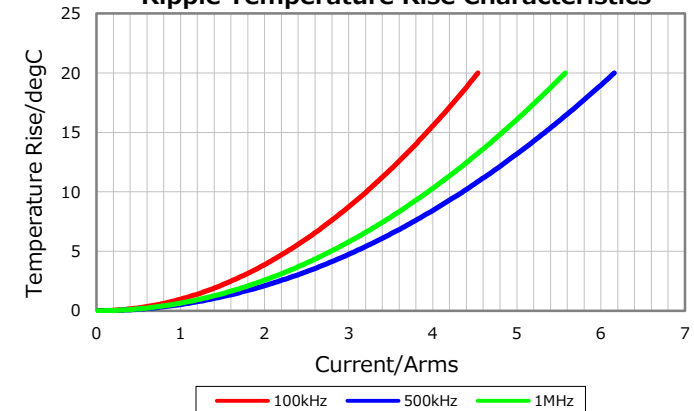
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

October 24, 2018