

CGA6M3X8R1C685K200AD

TDK Item Description : CGA6M3X8R1C685KT***B



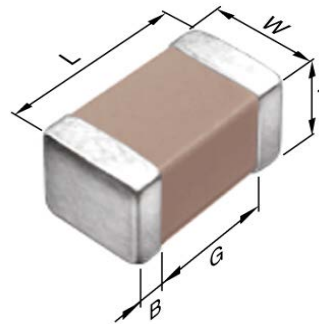
Equivalent C3225X8R1C685K for Automotive

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	2.00mm ±0.20mm
B	0.20mm Min.
G	

Temperature Characteristic

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

Rated Voltage

1C(16Vdc)

Capacitance

6.8uF

Capacitance Tolerance

K (±10%)

Dissipation Factor

5% Max.

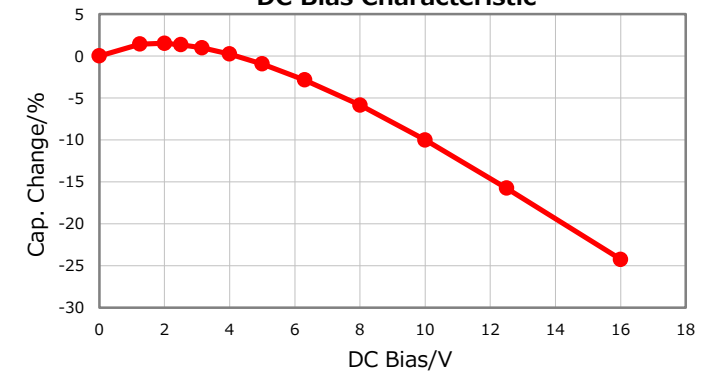
Insulation Resistance

14Mohm Min.

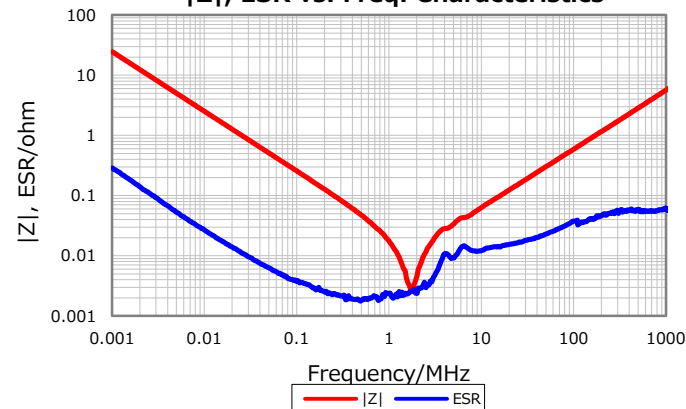
AEC-Q200

Yes

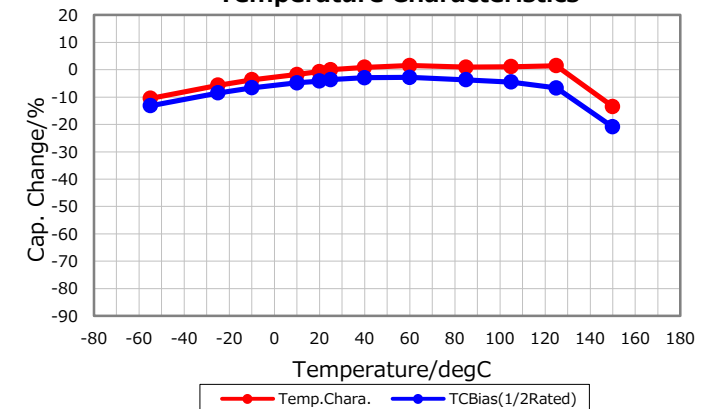
DC Bias Characteristic



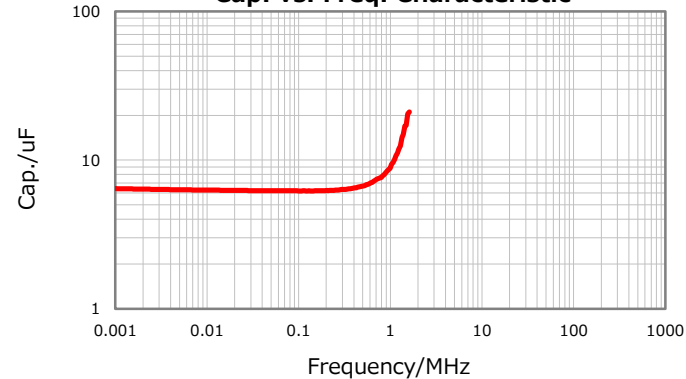
|Z|, ESR vs. Freq. Characteristics



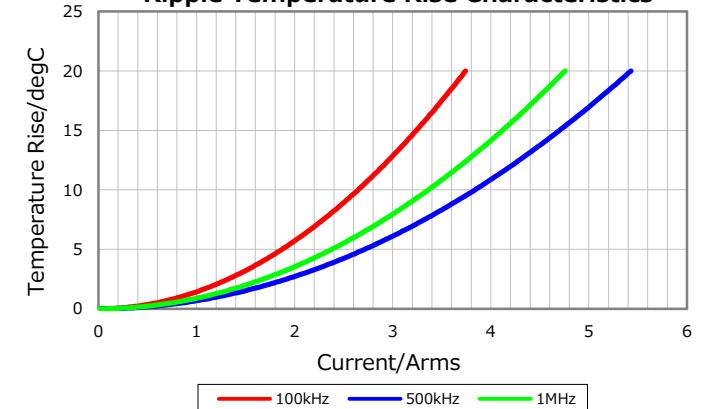
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

October 24, 2018