

CGA5H3X7R2E223M115AE

TDK Item Description : CGA5H3X7R2E223MT***S



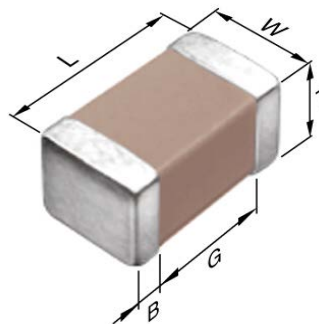
Equivalent C3216X7R2E223M for Automotive

Application & Main Feature

Automotive Grade (Soft Termination)

Series

CGA5(3216) [EIA CC1206]



Dimensions

L	3.20mm +0.4,-0.2mm
W	1.60mm +0.3,-0.2mm
T	1.15mm +/-0.15mm
B	0.20mm Min.
G	1.00mm Min.

Temperature Characteristic

X7R (-55 to 125 degC +/-15%)

Rated Voltage

2E (250Vdc)

Capacitance

22nF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

3% Max.

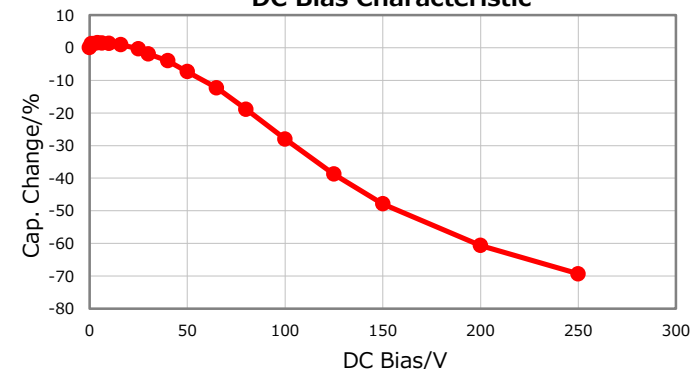
Insulation Resistance

10Gohm Min

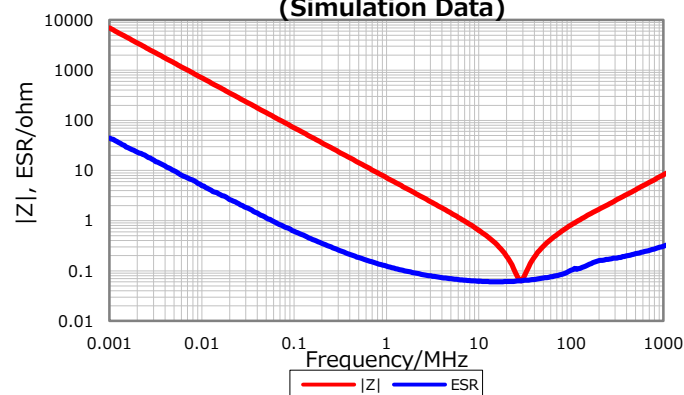
AEC-Q200

Yes

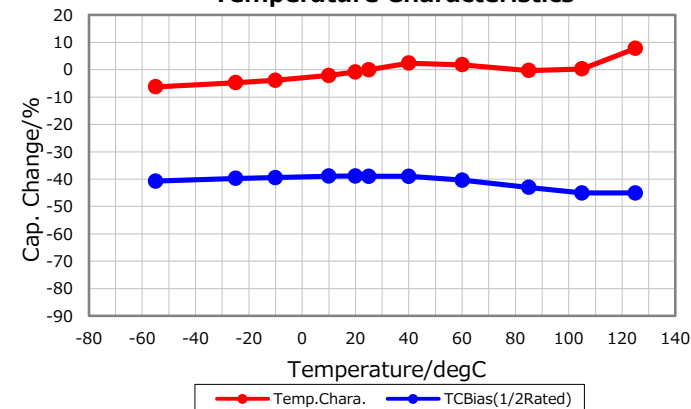
DC Bias Characteristic



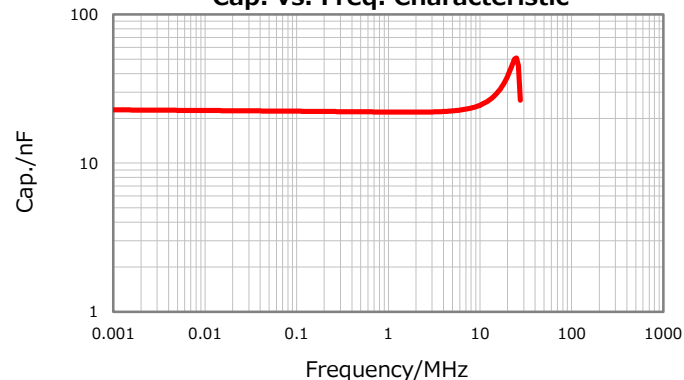
|Z|, ESR vs. Freq. Characteristics (Simulation Data)



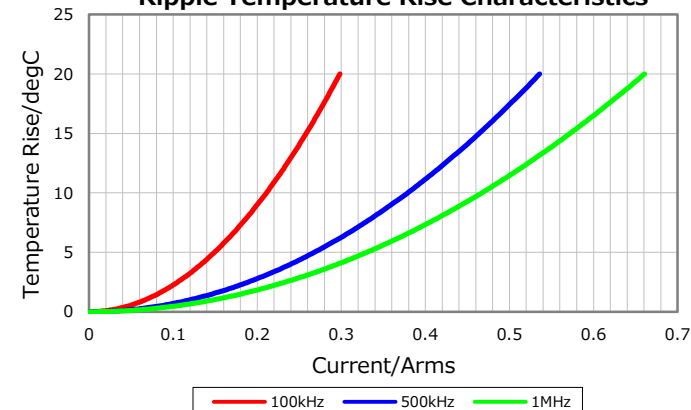
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

March 17, 2017