

CGA5L3X7S2A225M160AB

TDK Item Description : CGA5L3X7S2A225MT****

Equivalent C3216X7S2A225M for Automotive

Application & Main Feature

Automotive Grade (Mid Voltage (100 to 630V))

Series

CGA5(3216) [EIA CC1206]

Dimensions

L	3.20mm +/-0.2mm
W	1.60mm +/-0.2mm
T	1.60mm +/-0.2mm
B	0.20mm Min.
G	1.00mm Min.

Temperature Characteristic

X7S (-55 to 125 degC +/-22%)

Rated Voltage

2A (100Vdc)

Capacitance

2.2uF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

5% Max.

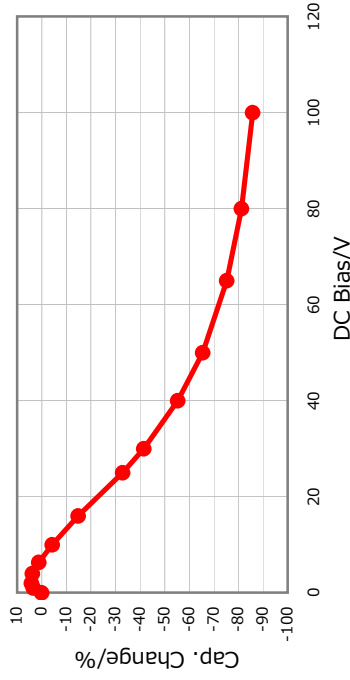
Insulation Resistance

227Mohm Min.

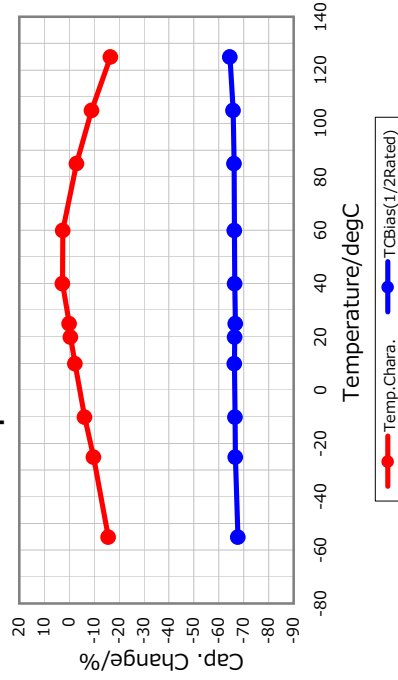
AEC-Q200

Yes

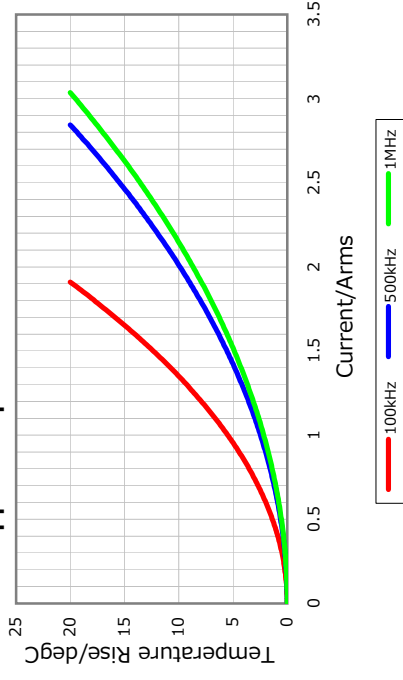
DC Bias Characteristic



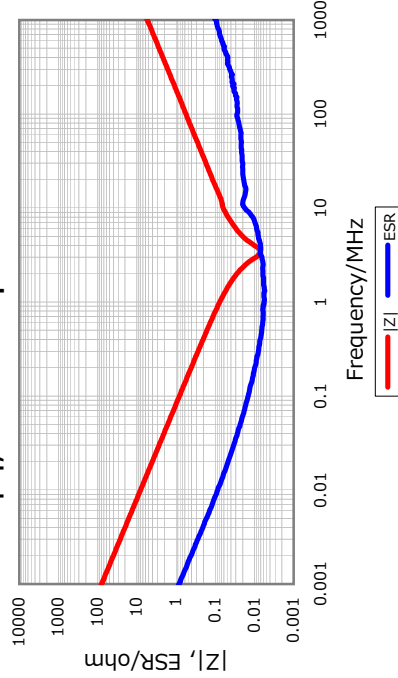
Temperature Characteristics



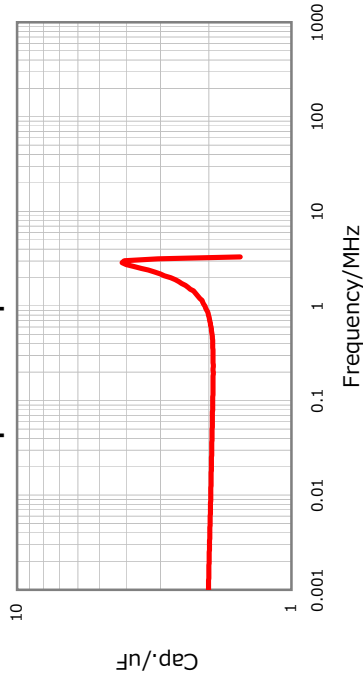
Ripple Temperature Rise Characteristics



|Z|, ESR vs. Freq. Characteristics



Cap. vs. Freq. Characteristic



All specifications are subject to change without notice.

January 4, 2016