

CGA6P3X7S1H685M250AB

TDK Item Description : CGA6P3X7S1H685MT****



Equivalent C3225X7S1H685M for Automotive

Application & Main Feature

Automotive Grade (General (Up to 50V))

Series

CGA6(3225) [EIA CC1210]



Dimensions

L 3.20mm +/-0.4mm
 W 2.50mm +/-0.3mm
 T 2.50mm +/-0.3mm
 B 0.20mm Min.
 G

Temperature Characteristic

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

Rated Voltage

1H (50Vdc)

Capacitance

6.8uF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

5% Max.

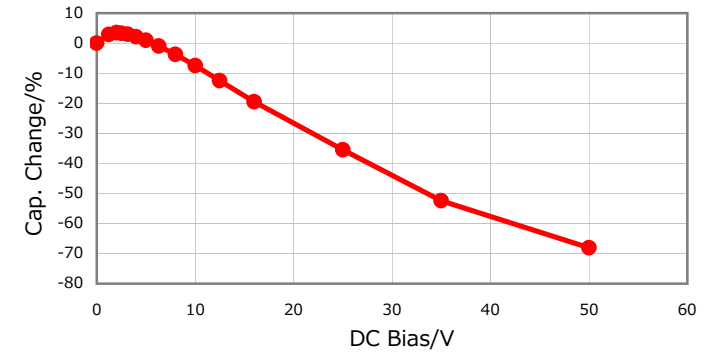
Insulation Resistance

73Mohm Min.

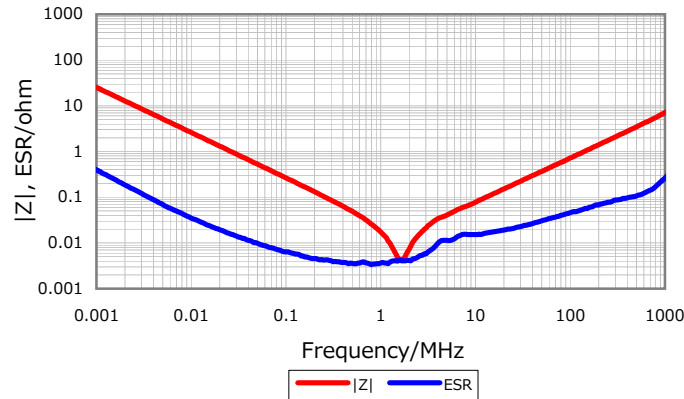
AEC-Q200

Yes

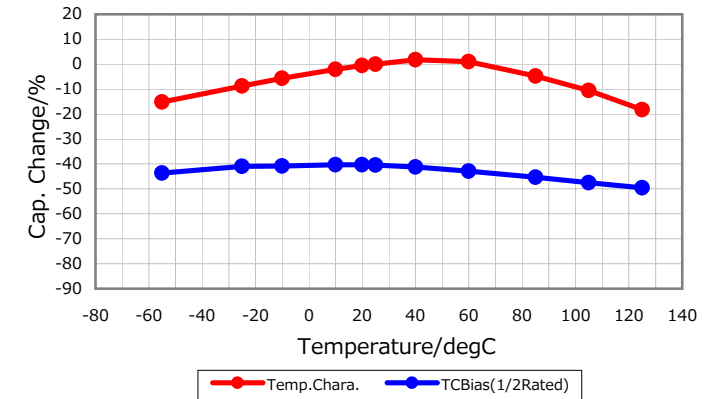
DC Bias Characteristic



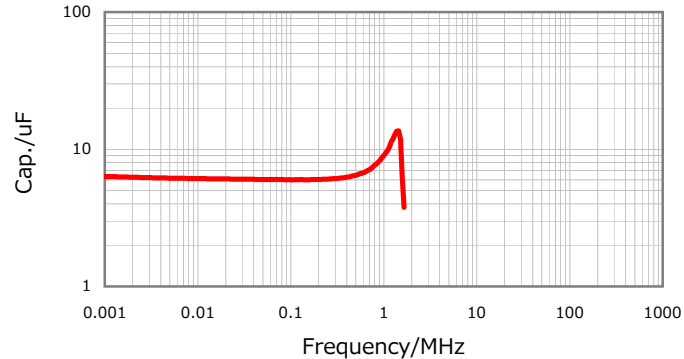
|Z|, ESR vs. Freq. Characteristics



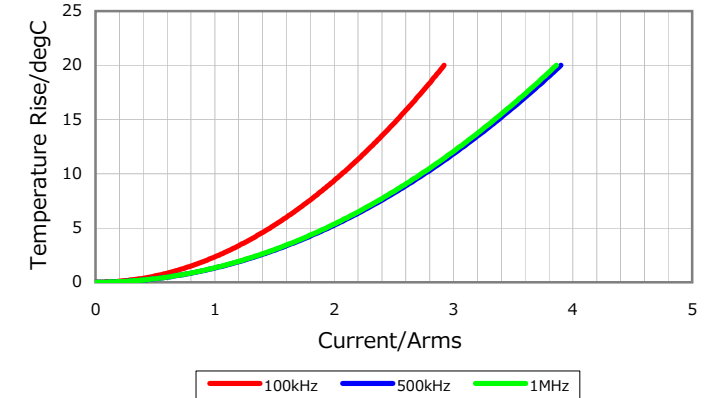
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

January 4, 2016