

CGA5K3X7T2E154M130AA

TDK Item Description : CGA5K3X7T2E154MT****



Equivalent C3216X7T2E154M 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 1.30mm +/-0.2mm
- B 0.20mm Min.
- G 1.00mm Min.

Temperature Characteristic

X7T (-55 to 125 degC +22,-33%)

Rated Voltage

2E (250Vdc)

Capacitance

150nF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

2.5% Max.

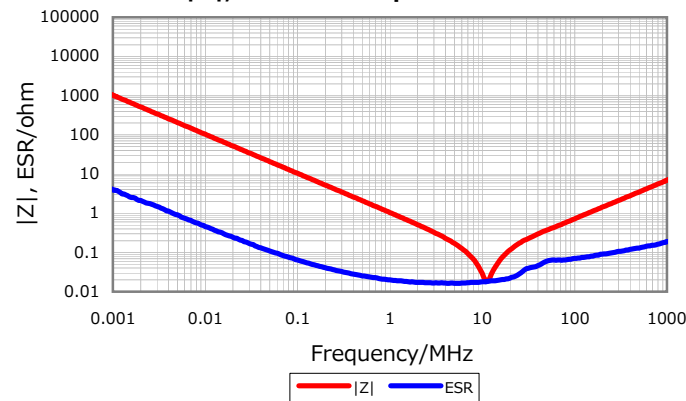
Insulation Resistance

3.33Gohm Min.

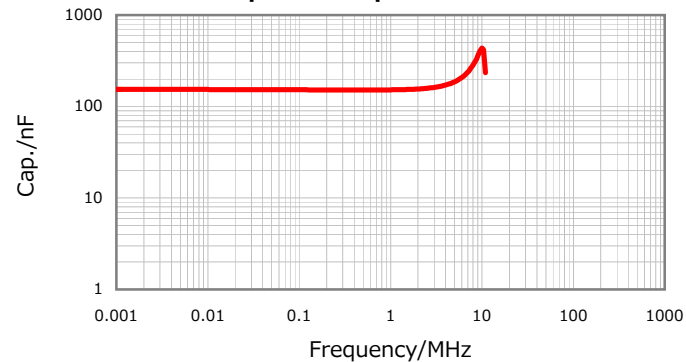
AEC-Q200

Yes

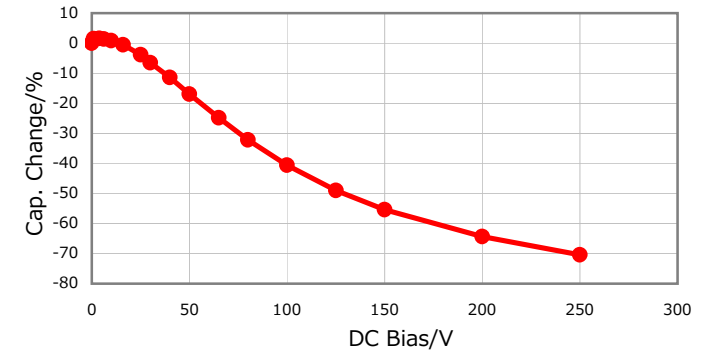
|Z|, ESR vs. Freq. Characteristics



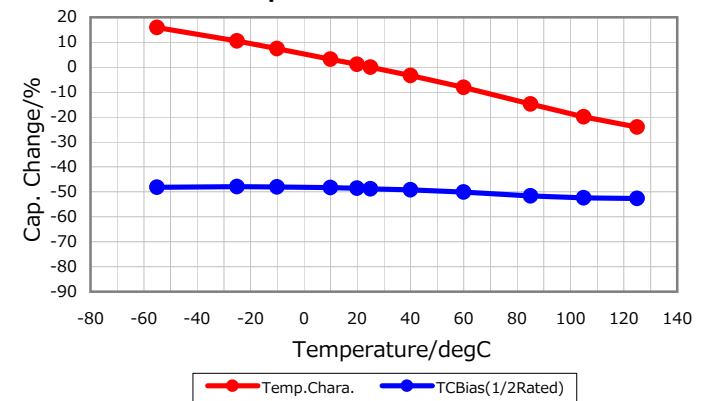
Cap. vs. Freq. Characteristic



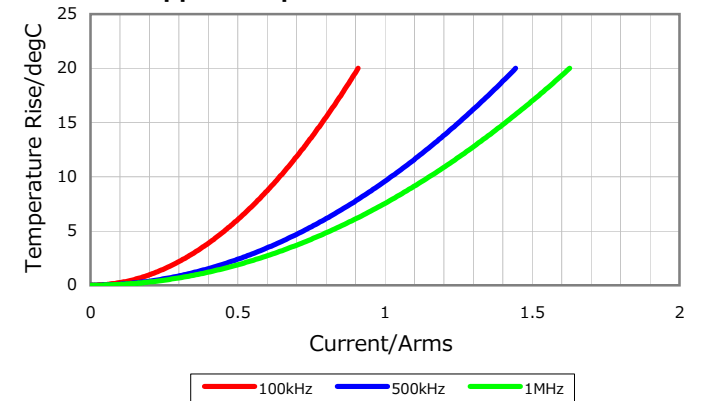
DC Bias Characteristic



Temperature Characteristics



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

January 4, 2016