

CGA6N3X7S1H475M230AE

TDK Item Description : CGA6N3X7S1H475MT***S



Equivalent C3225X7S1H475M for Automotive

Application & Main Feature

Automotive Grade (Soft Termination)

Series

CGA6(3225) [EIA CC1210]



Dimensions

| | |
|---|--------------------|
| L | 3.20mm +0.5,-0.4mm |
| W | 2.50mm +/-0.3mm |
| T | 2.30mm +0.3,-0.2mm |
| B | 0.20mm Min. |
| G | |

Temperature Characteristic

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

Rated Voltage

1H (50Vdc)

Capacitance

4.7uF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

5% Max.

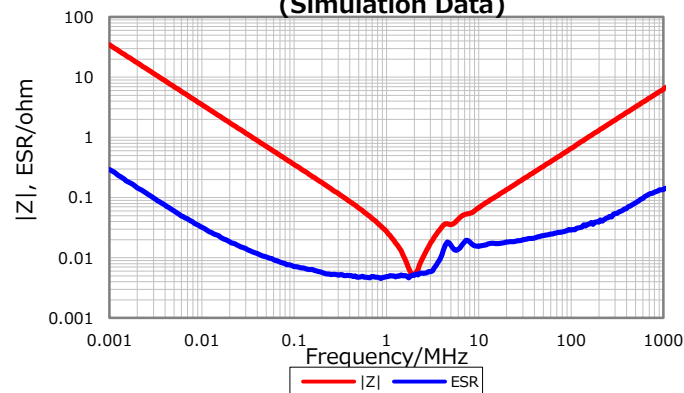
Insulation Resistance

106Mohm Min.

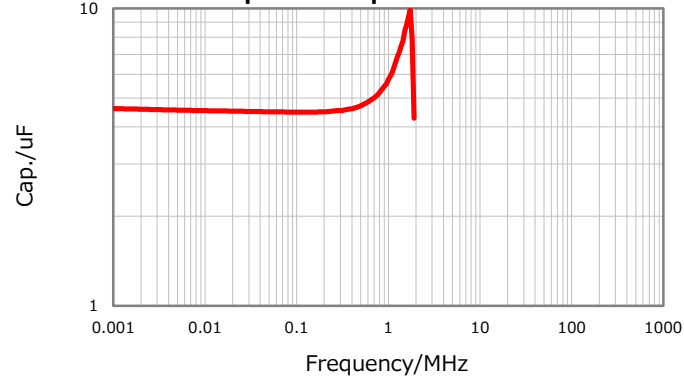
AEC-Q200

Yes

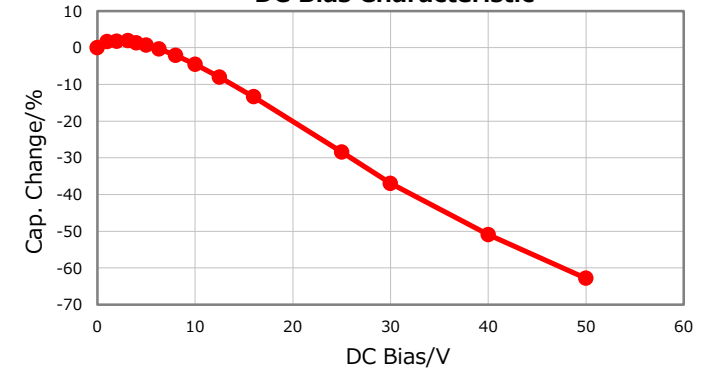
|Z|, ESR vs. Freq. Characteristics (Simulation Data)



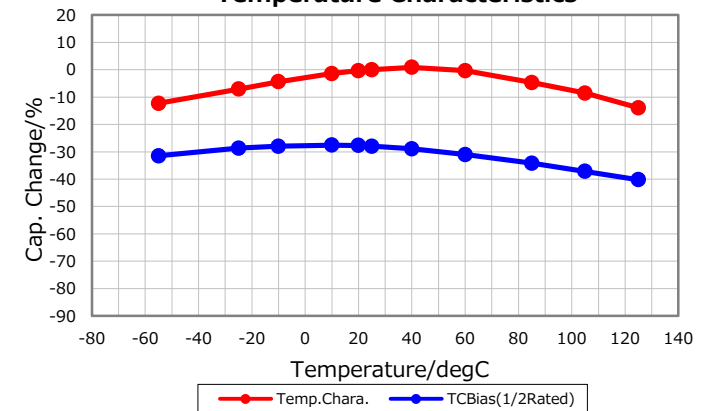
Cap. vs. Freq. Characteristic



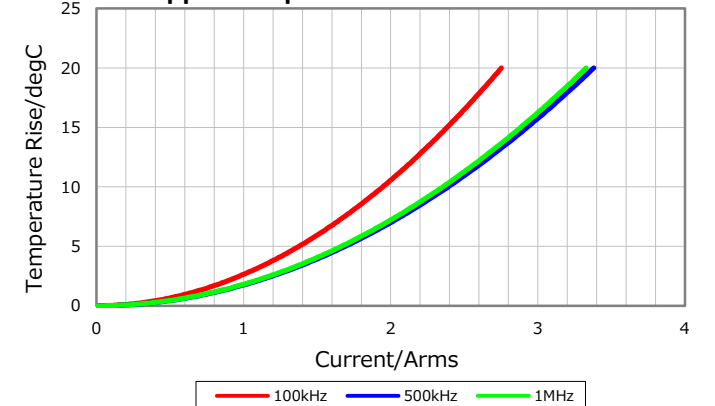
DC Bias Characteristic



Temperature Characteristics



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

March 17, 2017