

CGA8P3X7T2E105M250KE

TDK Item Description : CGA8P3X7T2E105MT***S



Equivalent C4532X7T2E105M for Automotive

Application & Main Feature

Automotive Grade (Soft Termination)

Series

CGA8(4532) [EIA CC1812]



Dimensions

L 4.50mm +0.5,-0.4mm
 W 3.20mm +/-0.4mm
 T 2.50mm +/-0.3mm
 B 0.20mm Min.
 G

Temperature Characteristic

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

Rated Voltage

2E (250Vdc)

Capacitance

1uF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

2.5% Max.

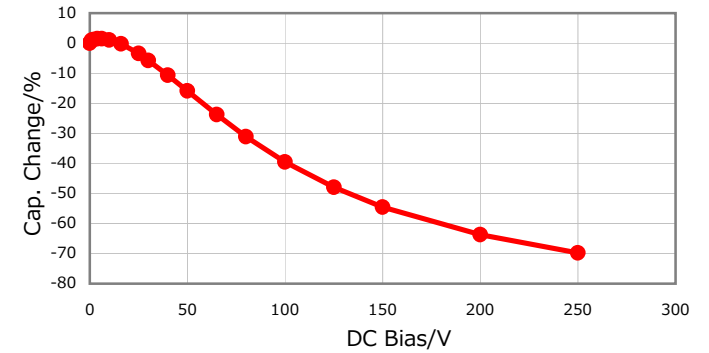
Insulation Resistance

500Mohm Min.

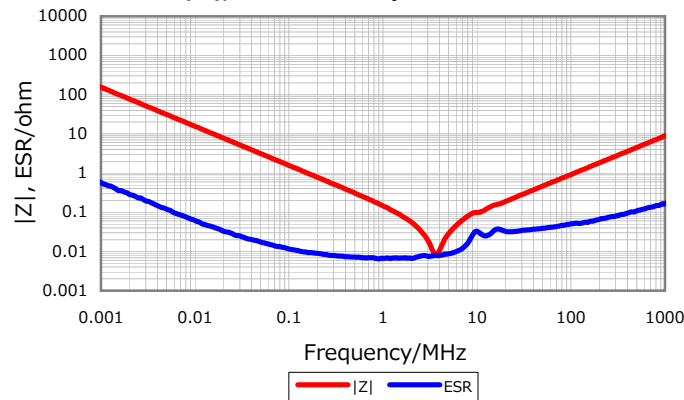
AEC-Q200

Yes

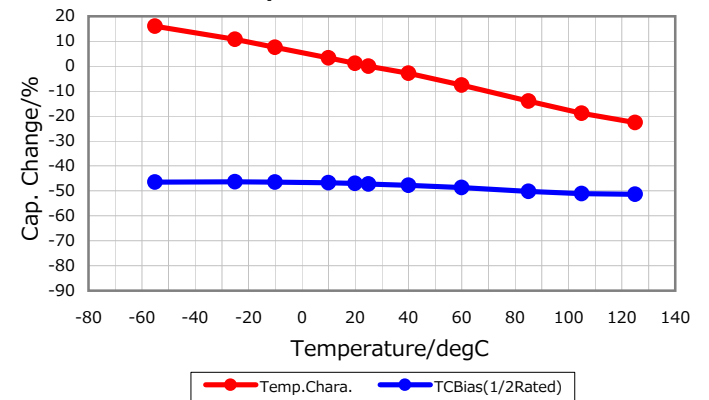
DC Bias Characteristic



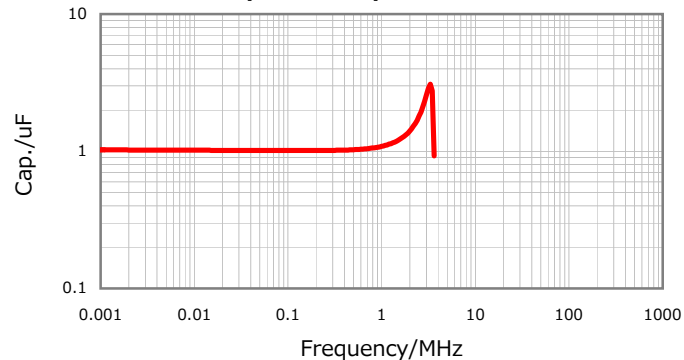
|Z|, ESR vs. Freq. Characteristics



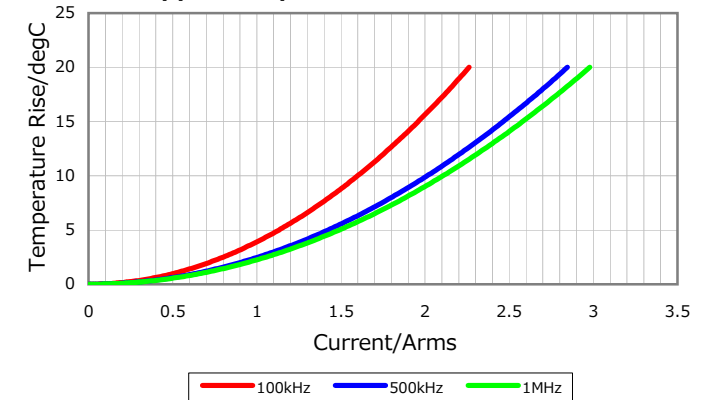
Temperature Characteristics



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