

CGA9N3X7R2E105M230KA

TDK Item Description : CGA9N3X7R2E105MT****



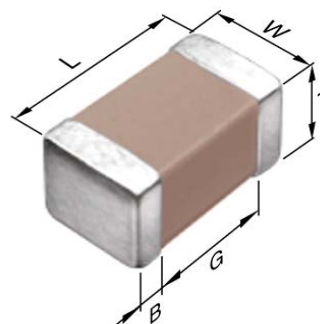
Equivalent C5750X7R2E105M for Automotive

Application & Main Feature

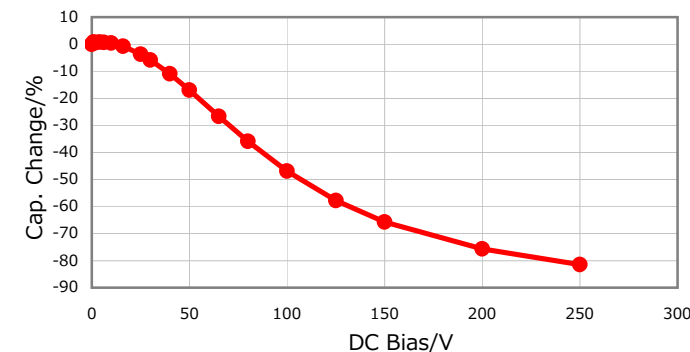
Automotive Grade (Mid Voltage (100 to 630V))

Series

CGA9(5750) [EIA CC2220]



DC Bias Characteristic



Dimensions

L 5.70mm +/-0.4mm
W 5.00mm +/-0.4mm
T 2.30mm +/-0.2mm
B 0.20mm Min.
G

Temperature Characteristic

X7R (-55 to 125 degC +/-15%)

Rated Voltage

2E (250Vdc)

Capacitance

1uF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

3% Max.

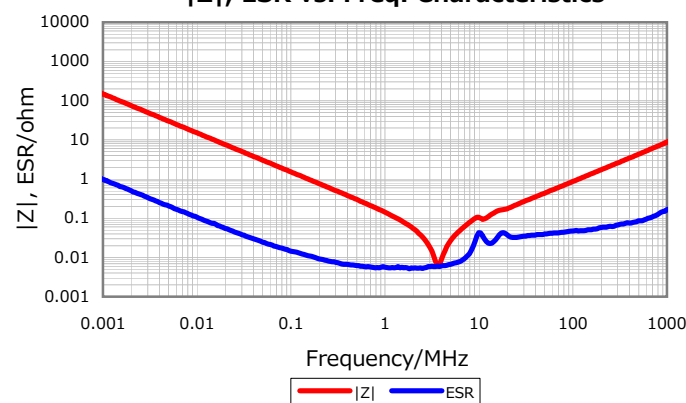
Insulation Resistance

500Mohm Min.

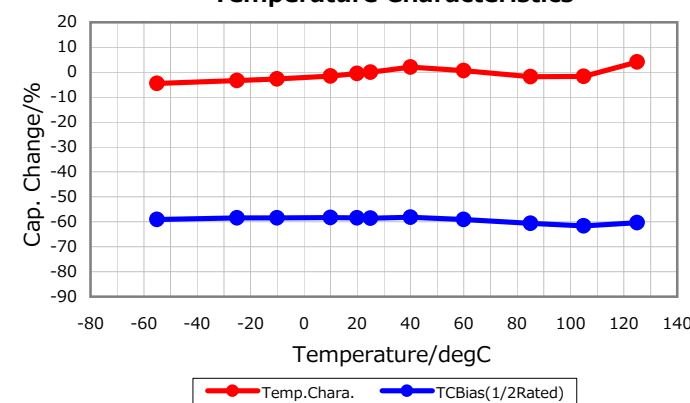
AEC-Q200

Yes

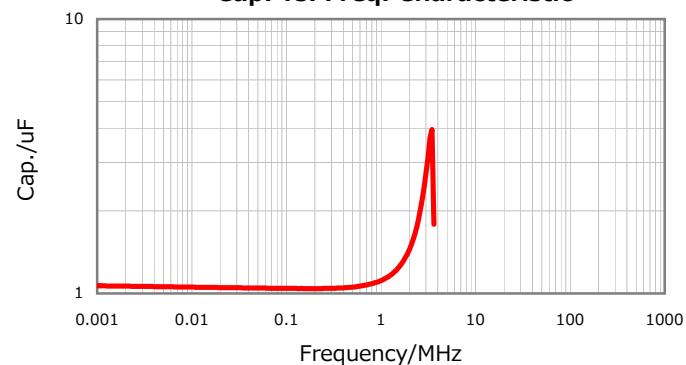
|Z|, ESR vs. Freq. Characteristics



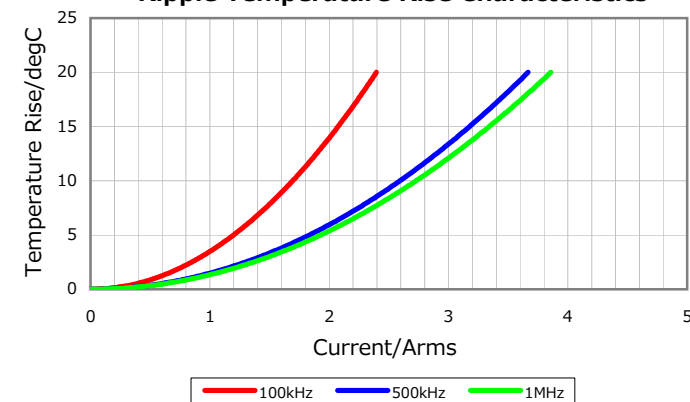
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

January 4, 2016