

CGA2B3X7S2A103M050BB

TDK Item Description : CGA2B3X7S2A103MT****



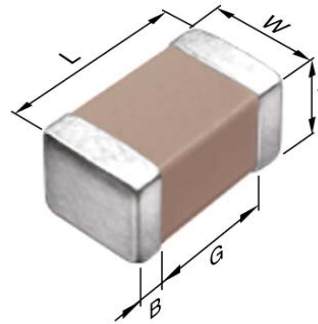
Equivalent C1005X7S2A103M for Automotive

Application & Main Feature

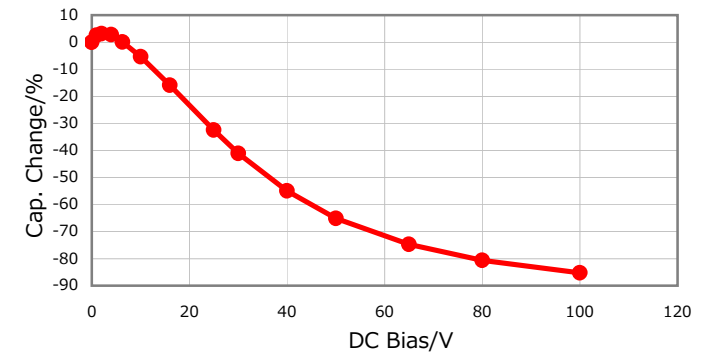
Automotive Grade (Mid Voltage (100 to 630V))

Series

CGA2(1005) [EIA CC0402]



DC Bias Characteristic



Dimensions

L 1.00mm +/-0.05mm
W 0.50mm +/-0.05mm
T 0.50mm +/-0.05mm
B 0.10mm Min.
G 0.30mm Min.

Temperature Characteristic

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

Rated Voltage

2A (100Vdc)

Capacitance

10nF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

5% Max.

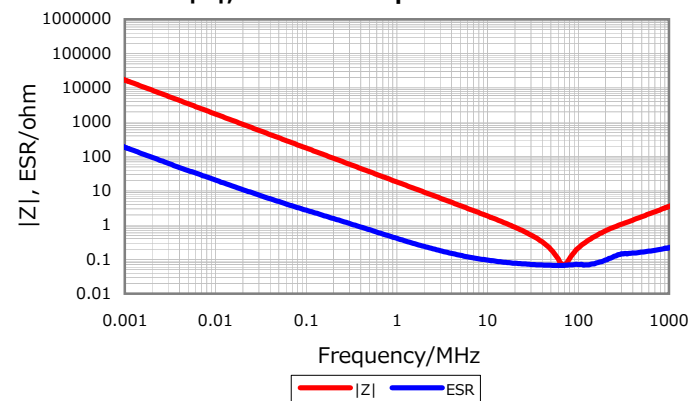
Insulation Resistance

10Gohm Min.

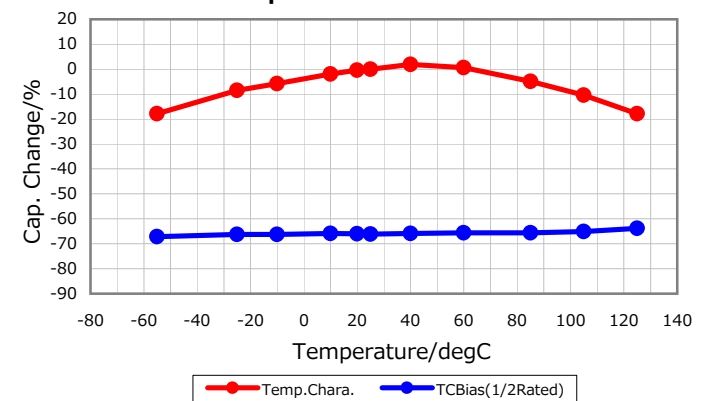
AEC-Q200

Yes

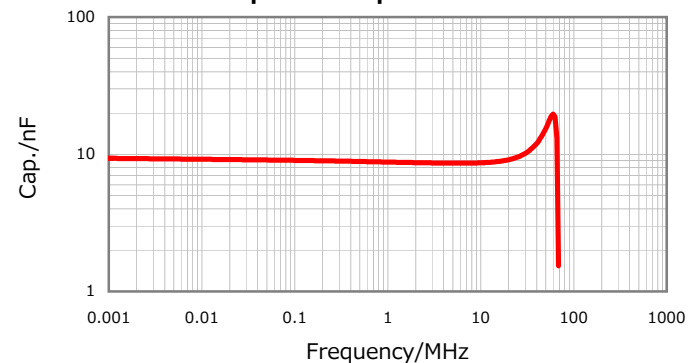
|Z|, ESR vs. Freq. Characteristics



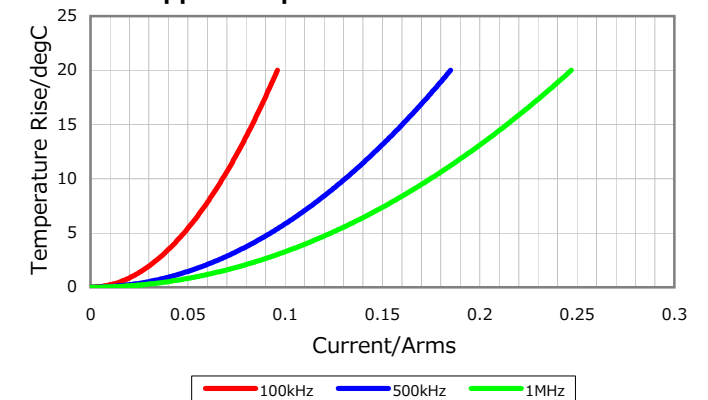
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

January 4, 2016