

CGA8M1X7R3A103K200KA

TDK Item Description : CGA8M1X7R3A103KT****



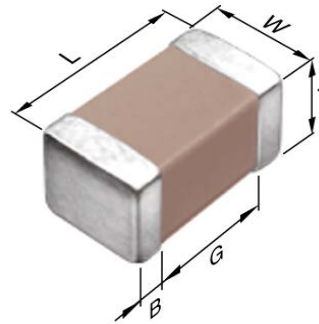
Equivalent C4532X7R3A103K for Automotive

Application & Main Feature

Automotive Grade (High Voltage (1000V and over))

Series

CGA8(4532) [EIA CC1812]



Dimensions

L 4.50mm +/-0.4mm
W 3.20mm +/-0.4mm
T 2.00mm +/-0.2mm
B 0.20mm Min.
G

Temperature Characteristic

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

Rated Voltage

3A (1000Vdc)

Capacitance

10nF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

3% Max.

Insulation Resistance

10Gohm Min.

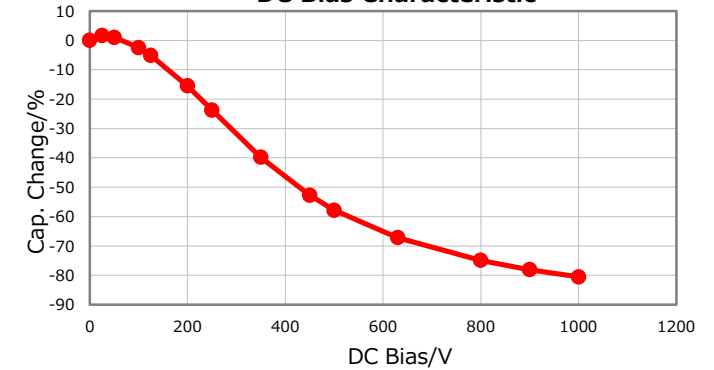
AEC-Q200

Yes

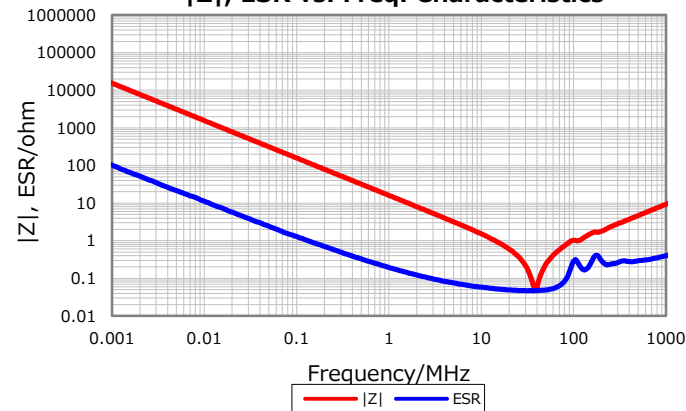


All specifications are subject to change without notice.

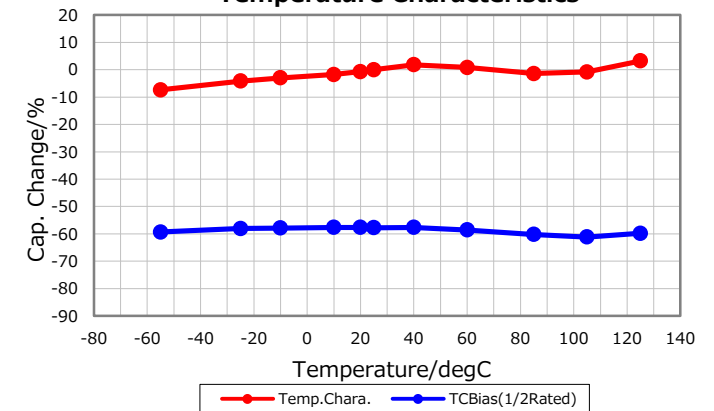
DC Bias Characteristic



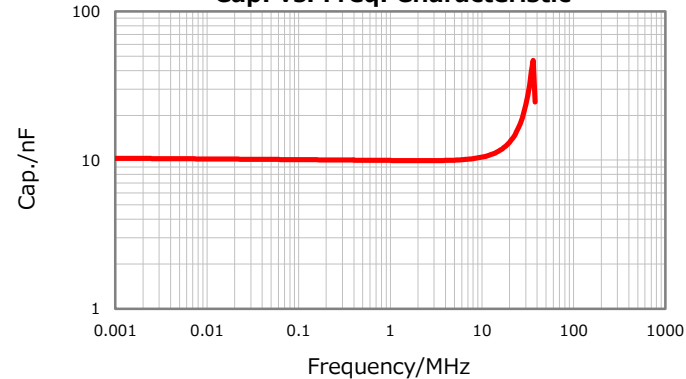
|Z|, ESR vs. Freq. Characteristics



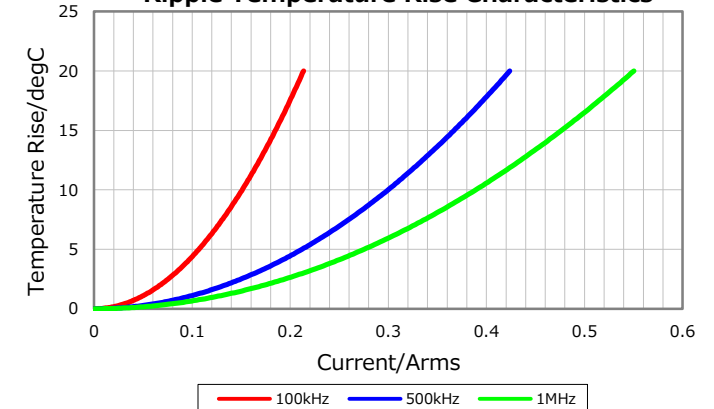
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



March 23, 2018