

CGA4J2X7R1H104K125AM

TDK Item Description : CGA4J2X7R1H104KT5***



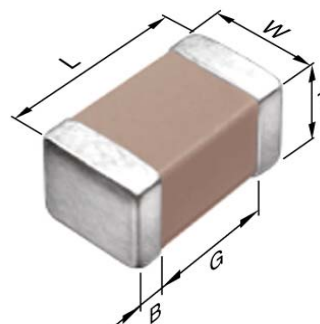
Equivalent C2012X7R1H104K for Automotive

Application & Main Feature

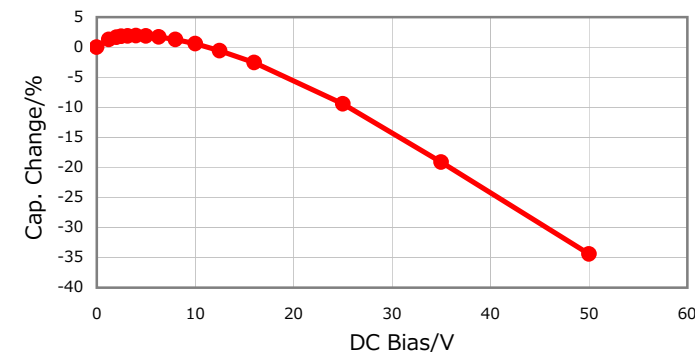
Automotive Grade (Open Mode)

Series

CGA4(2012) [EIA CC0805]



DC Bias Characteristic



Dimensions

L	2.00mm +/-0.2mm
W	1.25mm +/-0.2mm
T	1.25mm +/-0.2mm
B	0.20mm Min.
G	0.50mm Min.

Temperature Characteristic

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

Rated Voltage

1H (50Vdc)

Capacitance

100nF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

3% Max.

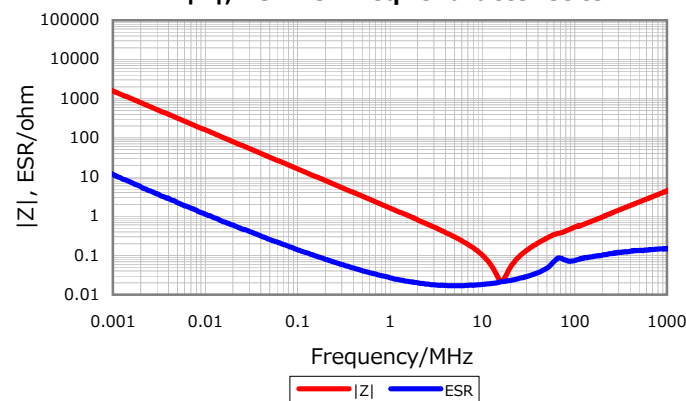
Insulation Resistance

5Gohm Min.

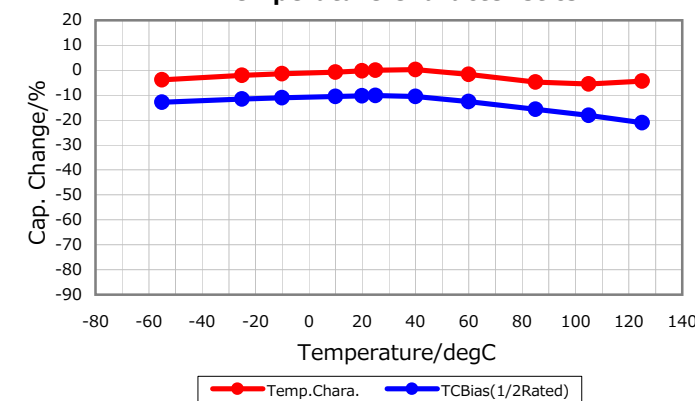
AEC-Q200

Yes

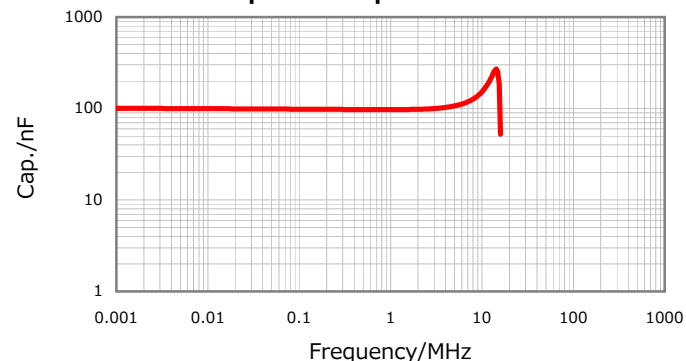
|Z|, ESR vs. Freq. Characteristics



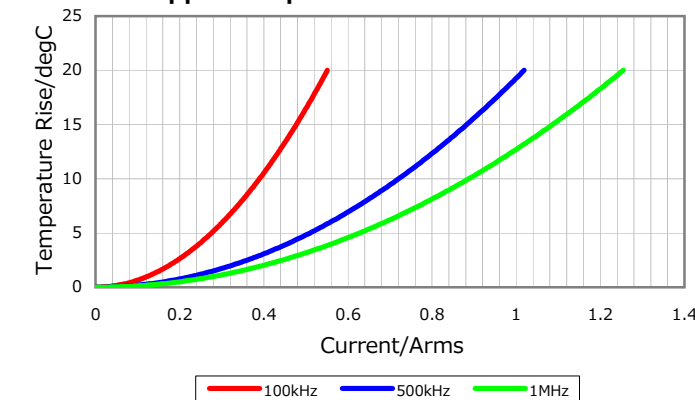
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

January 4, 2016