CGA4J2X7R1H154M125AD

TDK Item Description : CGA4J2X7R1H154MT***B

Lead Free | Halogen Free | REACH | RoHS COMPLIANT

Equivalent C2012X7R1H154M for Automotive

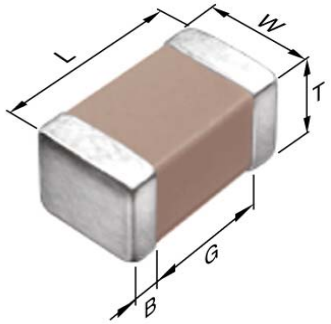
Characterization Sheet (Multilayer Ceramic Chip Capacitors)

Application & Main Feature

Automotive Grade (Counductive Epoxy Application)

Series

CGA4(2012) [EIA CC0805]



Dimensions

L	2.00mm +/-0.25mm
W	1.25mm +/-0.25mm
T	1.25mm +/-0.25mm
B	0.20mm Min.
G	0.50mm Min.

Temperature Characteristic

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

Rated Voltage

1H (50Vdc)

Capacitance

150nF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

3% Max.

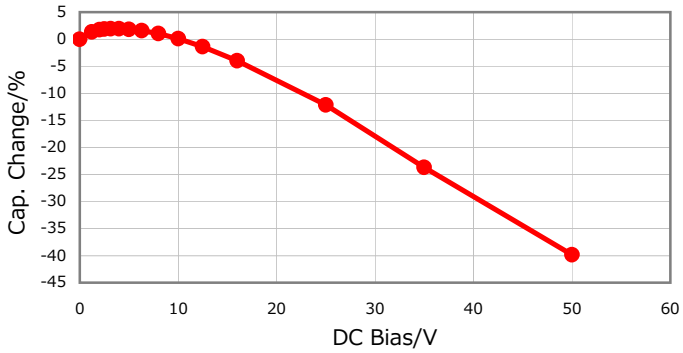
Insulation Resistance

3.33Gohm Min.

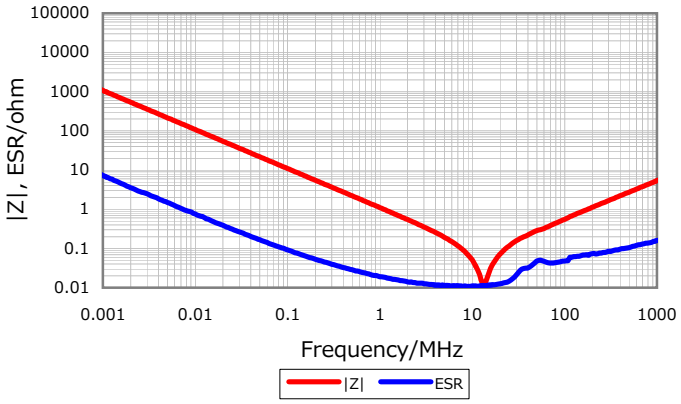
AEC-Q200

Yes

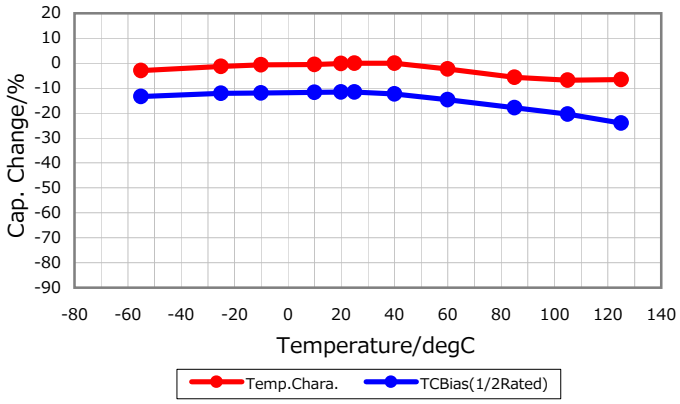
DC Bias Characteristic



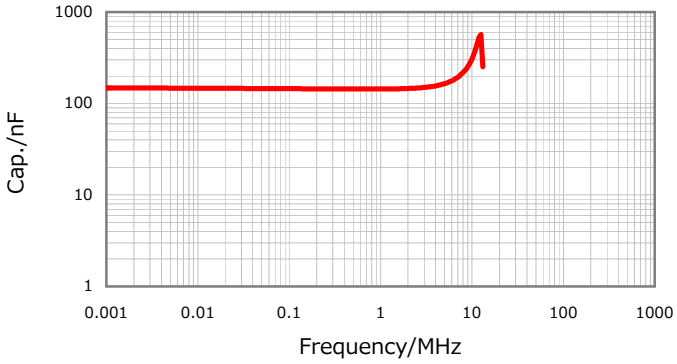
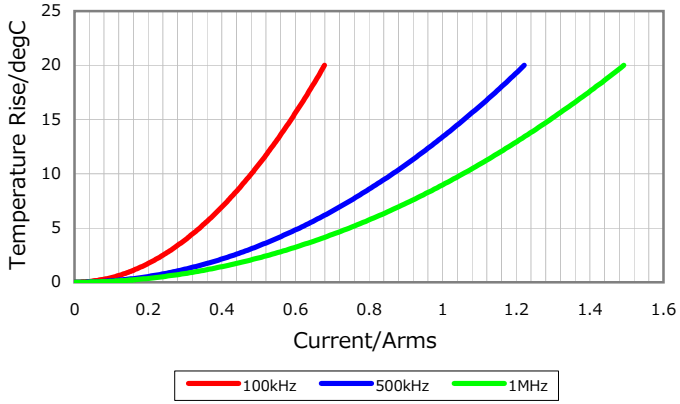
|Z|, ESR vs. Freq. Characteristics



Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics