

CGA4J2X8R1E334K125AD

TDK Item Description : CGA4J2X8R1E334KT**B



Equivalent C2012X8R1E334K for Automotive

Application & Main Feature

Automotive Grade (Conductive 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

X8R (-55 to 150 degC +/-15%)

Rated Voltage

1E (25Vdc)

Capacitance

330nF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

3% Max.

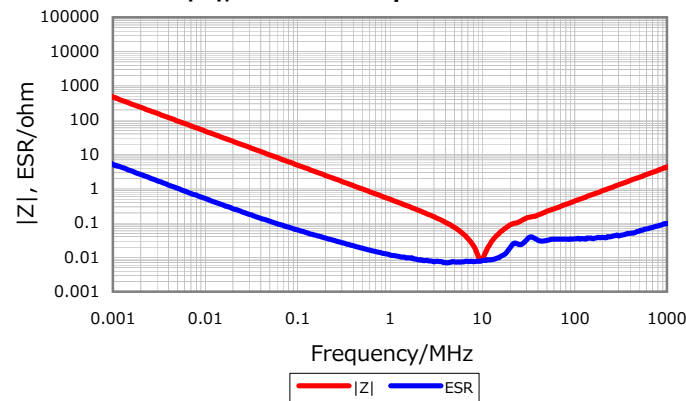
Insulation Resistance

1.52Gohm Min.

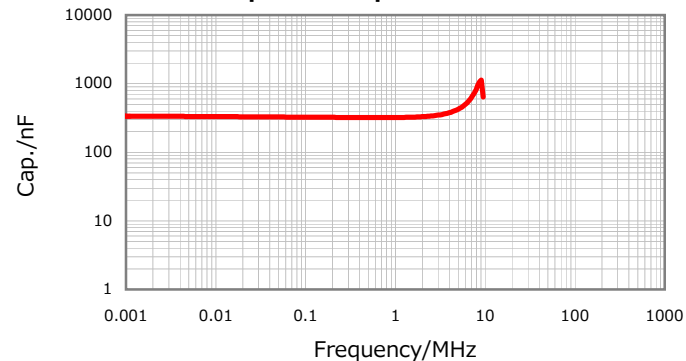
AEC-Q200

Yes

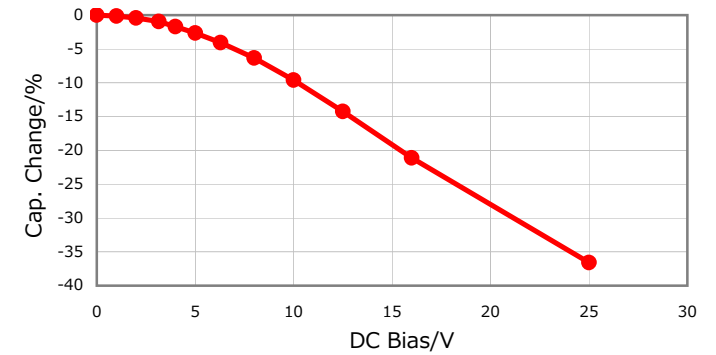
|Z|, ESR vs. Freq. Characteristics



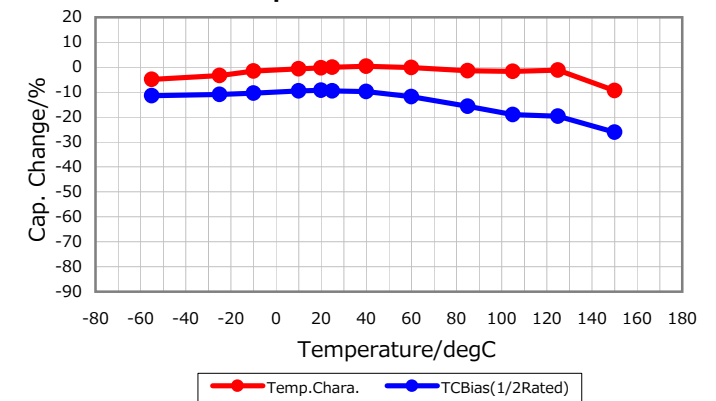
Cap. vs. Freq. Characteristic



DC Bias Characteristic



Temperature Characteristics



Ripple Temperature Rise Characteristics

