

CGA4J2X5R1H334M125AA

TDK Item Description : CGA4J2X5R1H334MT****



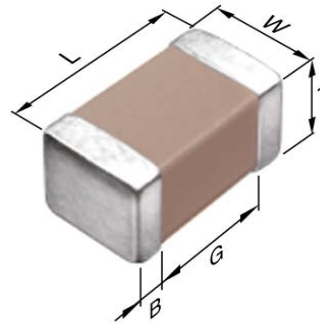
Equivalent C2012X5R1H334M for Automotive

Application & Main Feature

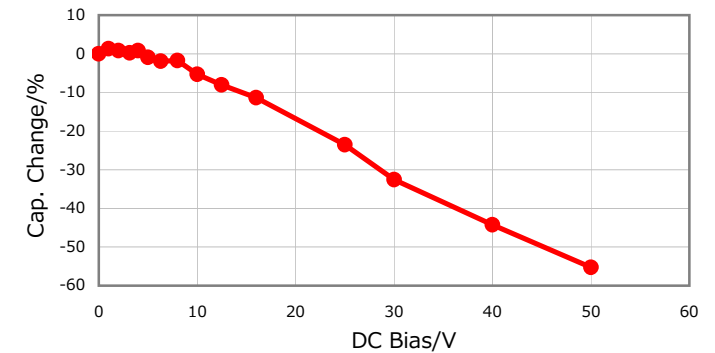
Automotive Grade (General (Up to 50V))

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

X5R (-55 to 85 degC +/-15%)

Rated Voltage

1H (50Vdc)

Capacitance

330nF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

3% Max.

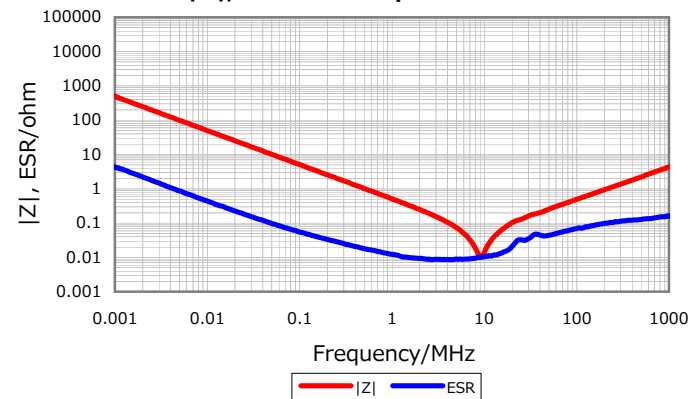
Insulation Resistance

1.52Gohm Min.

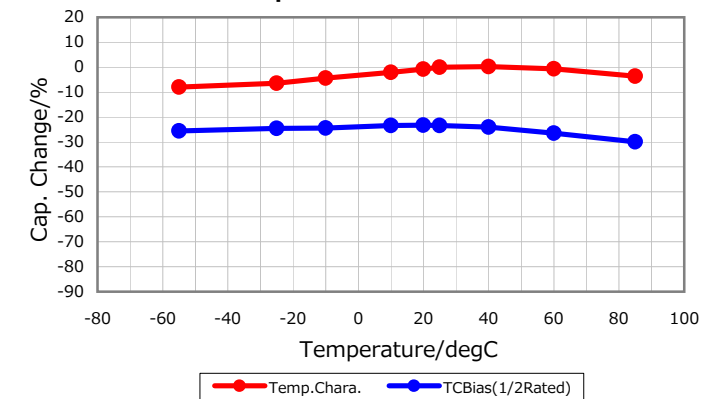
AEC-Q200

Yes

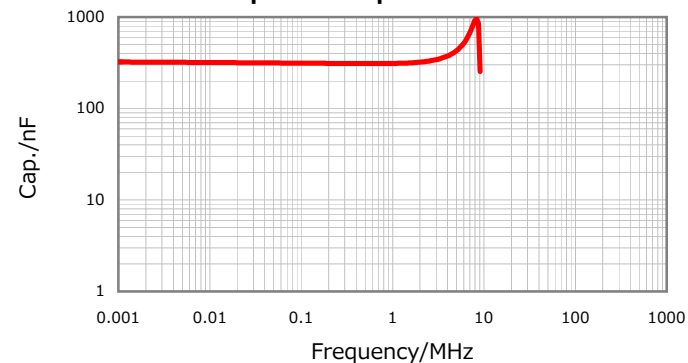
|Z|, ESR vs. Freq. Characteristics



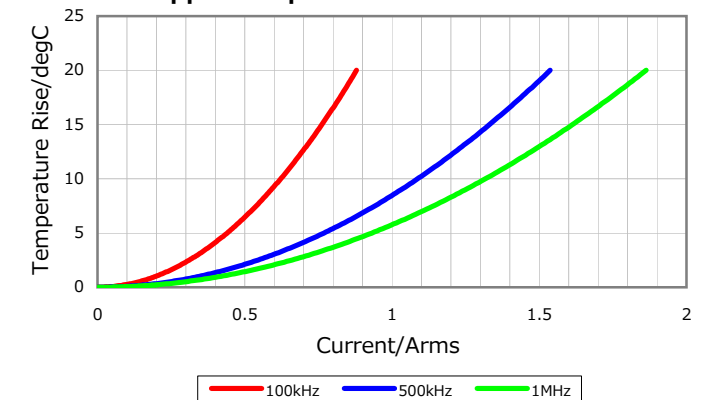
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

January 4, 2016