

CGA4J3X7R1C475M125AD

TDK Item Description : CGA4J3X7R1C475MT***B



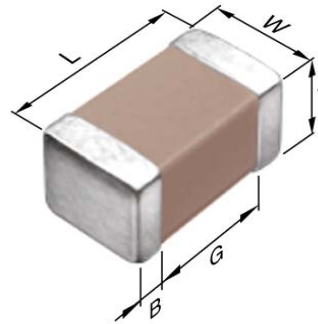
Equivalent C2012X7R1C475M for Automotive

Application & Main Feature

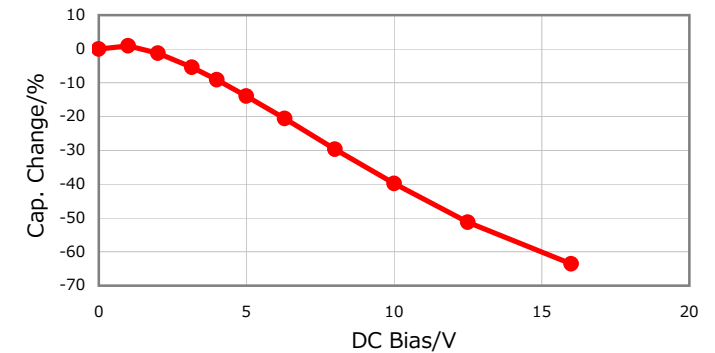
Automotive Grade (Conductive Epoxy Application)

Series

CGA4(2012) [EIA CC0805]



DC Bias Characteristic



Dimensions

L 2.00mm +0.35,-0.25mm
W 1.25mm +0.3,-0.25mm
T 1.25mm +0.3,-0.25mm
B 0.20mm Min.
G 0.50mm Min.

Temperature Characteristic

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

Rated Voltage

1C (16Vdc)

Capacitance

4.7uF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

7.5% Max.

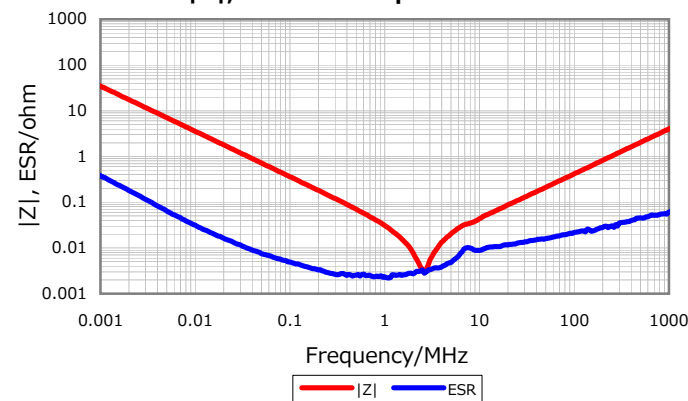
Insulation Resistance

21Mohm Min.

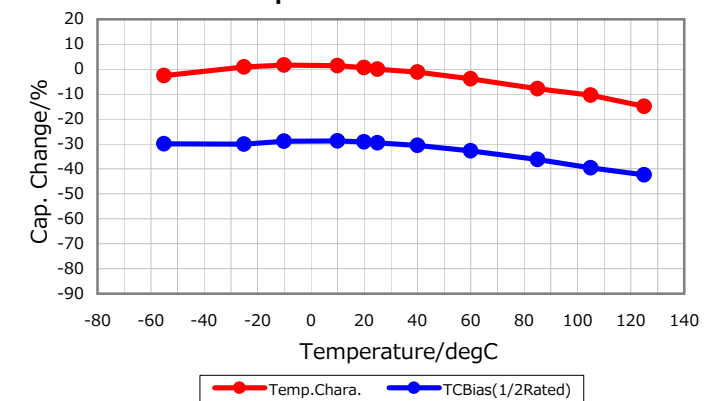
AEC-Q200

Yes

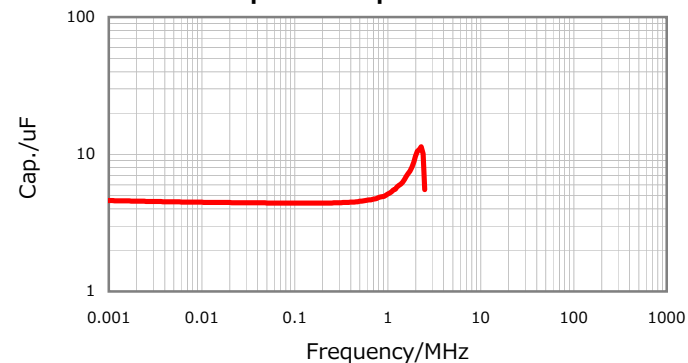
|Z|, ESR vs. Freq. Characteristics



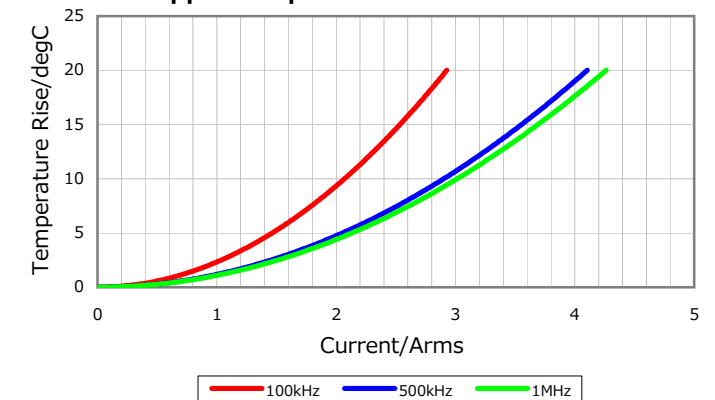
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

January 4, 2016