

CGA4J1X7R1H475K125AC

TDK Item Description : CGA4J1X7R1H475KT****



Equivalent C2012X7R1H475K for Automotive

Application & Main Feature

Automotive Grade (General (Up to 50V))

Series

CGA4(C2012) [EIA 0805]



Dimensions

L	2.00mm +0.25,-0.15mm
W	1.25mm +0.25,-0.15mm
T	1.25mm +0.25,-0.15mm
B	0.20mm Min.
G	0.50mm Min.

Temperature Characteristic

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

Rated Voltage

1H (50Vdc)

Capacitance

4.7uF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

5% Max.

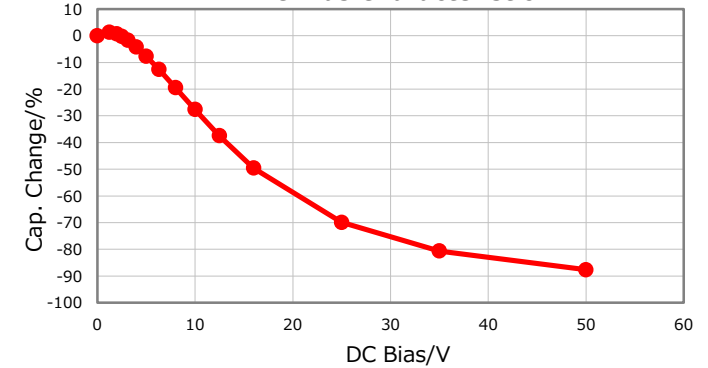
Insulation Resistance

106Mohm Min.

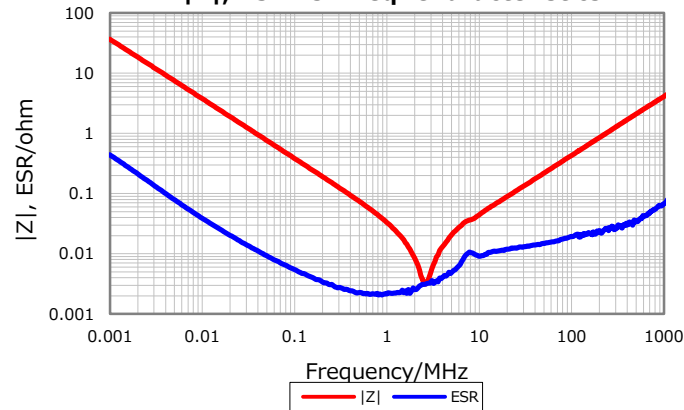
AEC-Q200

Yes

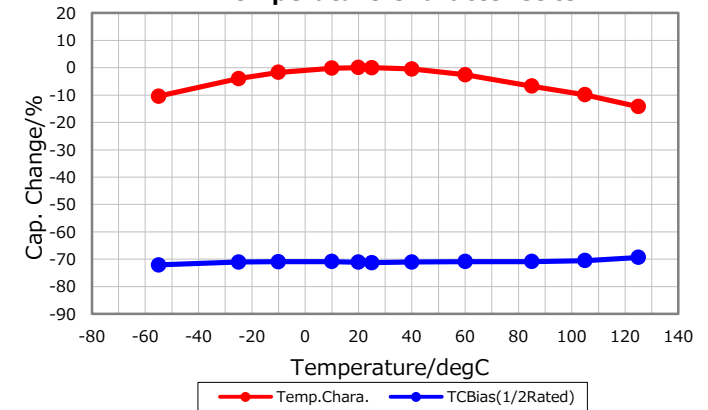
DC Bias Characteristic



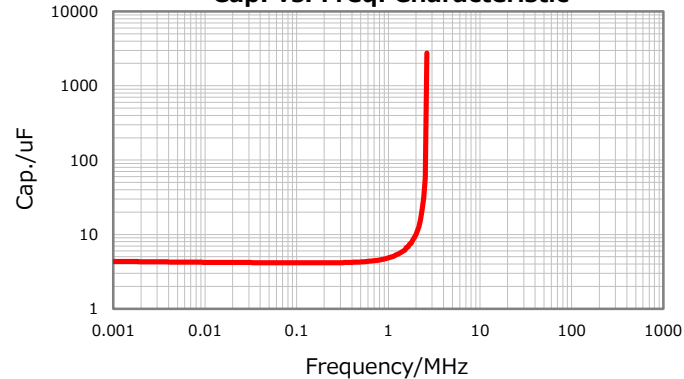
|Z|, ESR vs. Freq. Characteristics



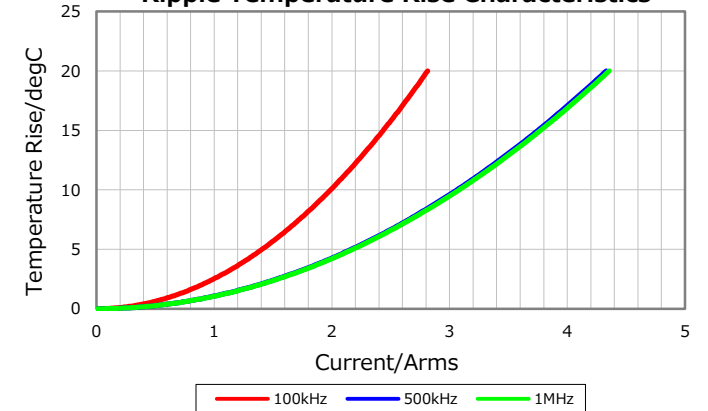
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

March 29, 2018