

CGA4J4X7T2W473M125AE

TDK Item Description : CGA4J4X7T2W473MT***S



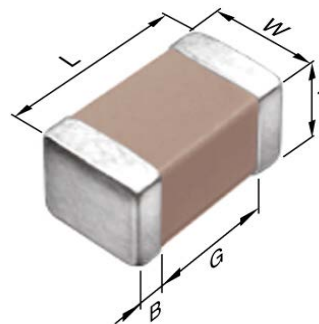
Equivalent C2012X7T2W473M for Automotive

Application & Main Feature

Automotive Grade (Soft Termination)

Series

CGA4(2012) [EIA CC0805]



Dimensions

L	2.00mm +0.45,-0.2mm
W	1.25mm +0.25,-0.2mm
T	1.25mm +0.25,-0.2mm
B	0.20mm Min.
G	0.50mm Min.

Temperature Characteristic

X7T (-55 to 125 degC +22,-33%)

Rated Voltage

2W (450Vdc)

Capacitance

47nF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

2.5% Max.

Insulation Resistance

10Gohm Min

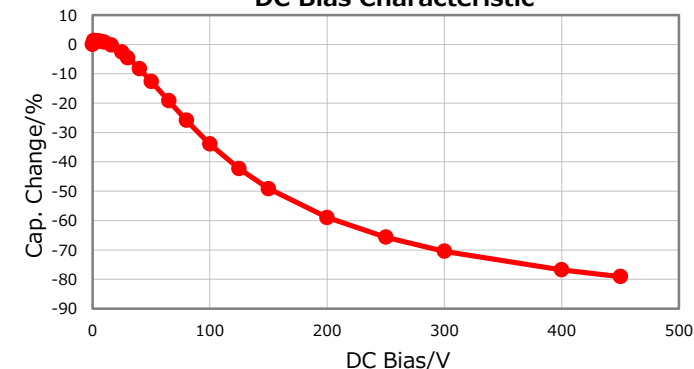
AEC-Q200

Yes

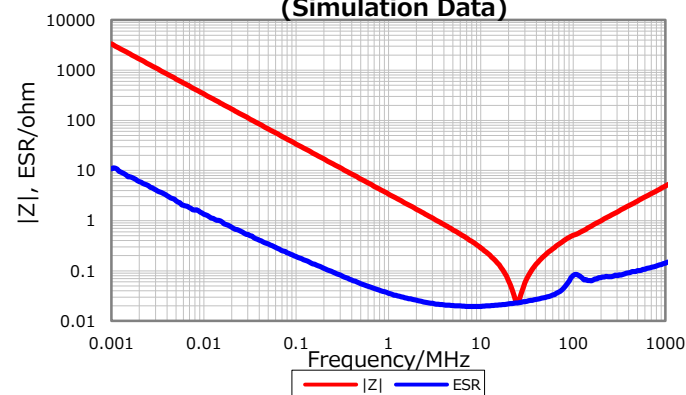


All specifications are subject to change without notice.

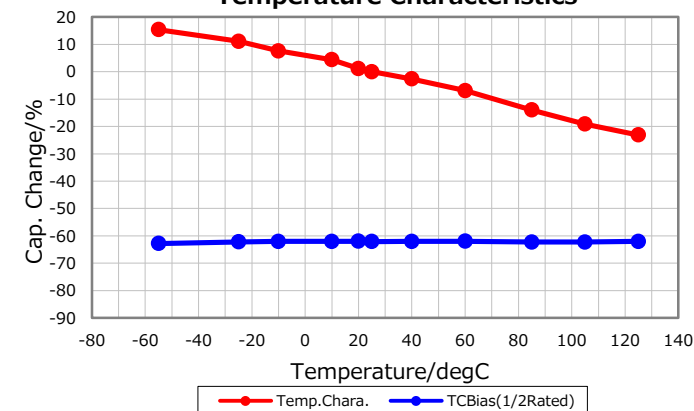
DC Bias Characteristic



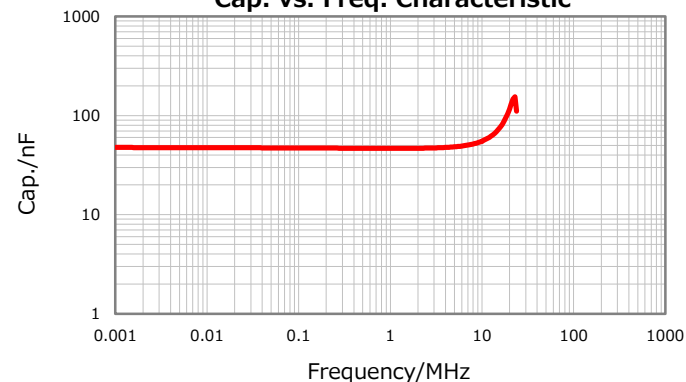
|Z|, ESR vs. Freq. Characteristics (Simulation Data)



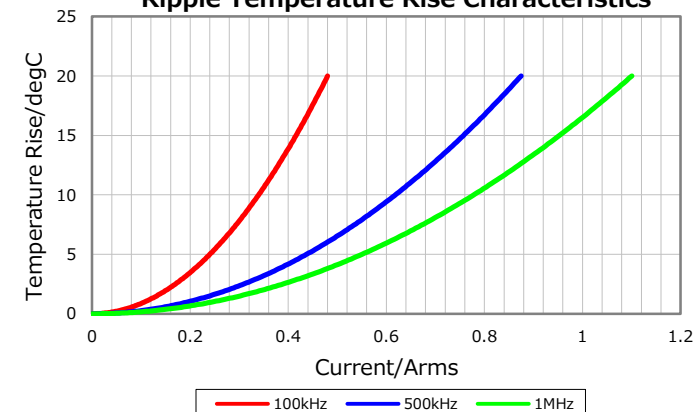
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



March 17, 2017