

CGA4J3X7S1A685M125AB

TDK item description : CGA4J3X7S1A685MT****



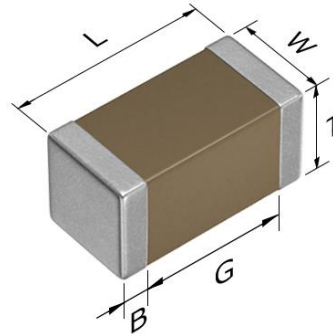
Equivalent C2012X7S1A685M for Automotive

Application & Main Feature

Automotive grade (General type)

Series

CGA4(2012) [EIA 0805]



Dimensions

L	2.00±0.20 mm
W	1.25±0.20 mm
T	1.25±0.20 mm
B	0.20 mm min.
G	0.50 mm min.

Temperature Characteristic

X7S (-55 to +125 degC, ±22%)

Rated Voltage

1A (10Vdc)

Capacitance

6.8µF

Capacitance Tolerance

M (±20%)

DF

7.5 % max.

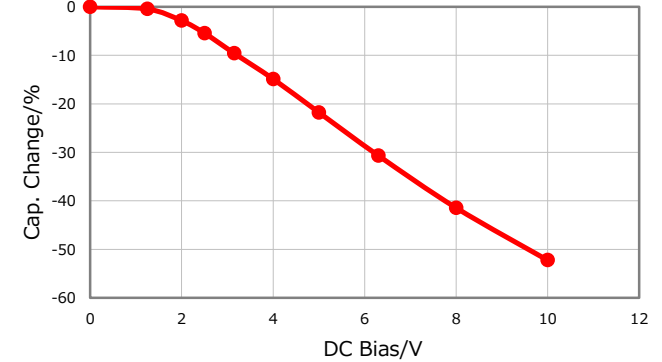
Insulation Resistance

14 Mohm min.

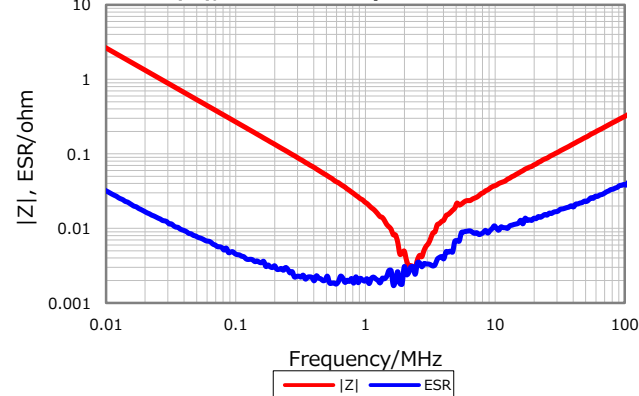
AEC-Q200

Yes

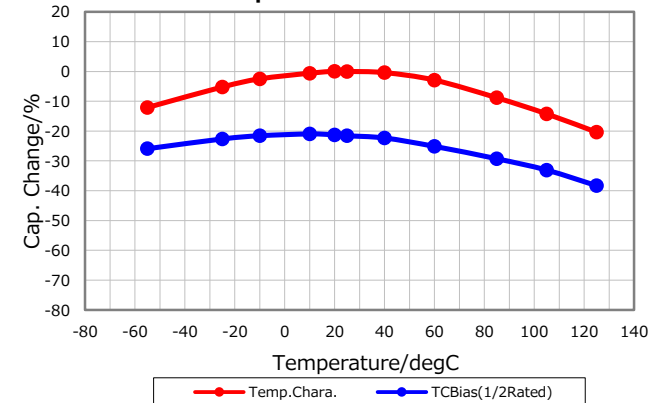
DC Bias Characteristic



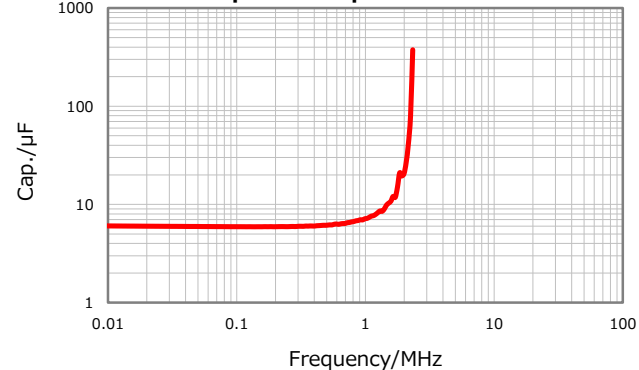
|Z|, ESR vs. Freq. Characteristics



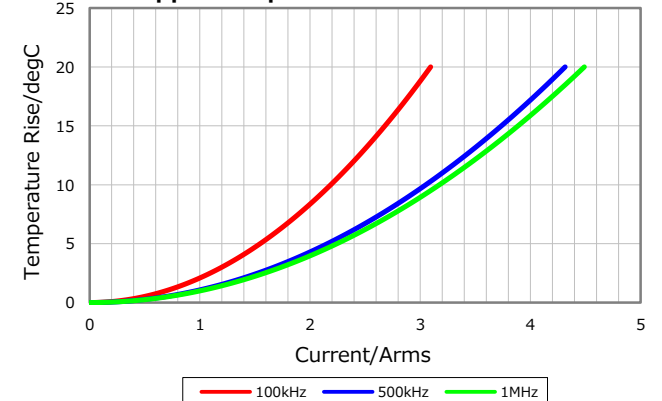
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

January 15, 2021