

C1005C0G2A681J050BE

TDK Item Description : C1005C0G2A681JT***S

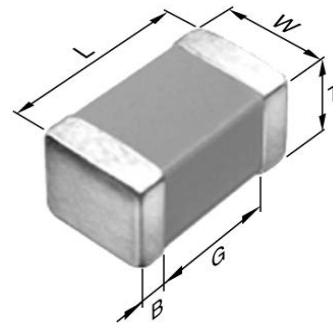


Application & Main Feature

Commercial Grade (Soft Termination)

Series

C1005 [EIA CC0402]



Dimensions

L	1.00mm +0.15,-0.05mm
W	0.50mm +0.1,-0.05mm
T	0.50mm +0.1,-0.05mm
B	0.10mm Min.
G	0.30mm Min.

Temperature Characteristic

C0G (-55 to 125 degC 0+/-30ppm/degC)

Rated Voltage

2A (100Vdc)

Capacitance

680pF

Capacitance Tolerance

J (+/-5%)

Q Factor

1000 Min.

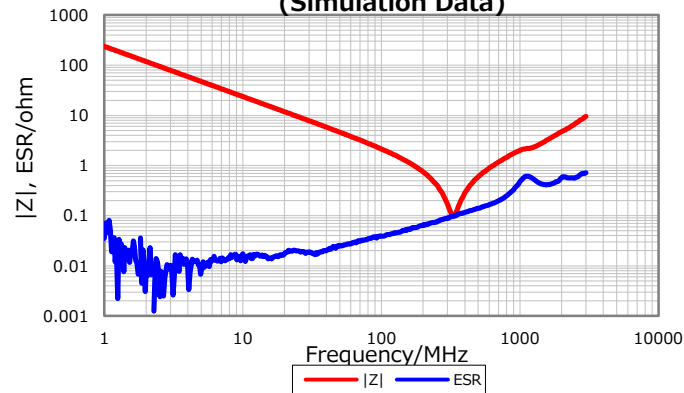
Insulation Resistance

10Gohm Min

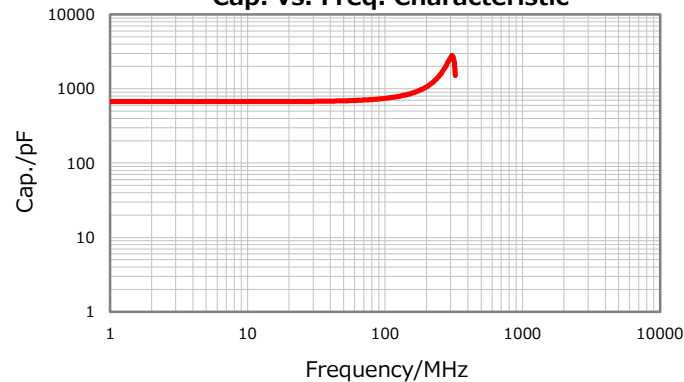
AEC-Q200

Not Applicable

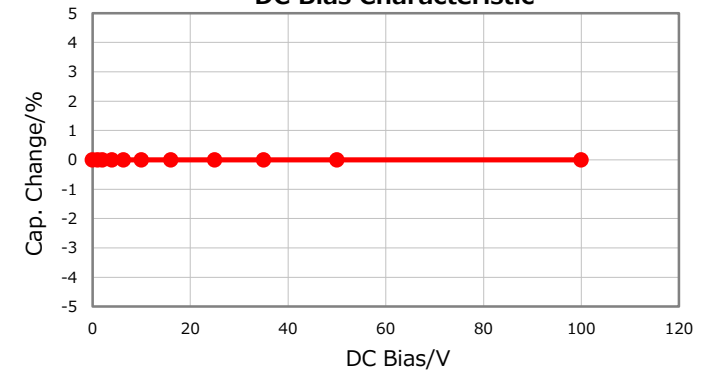
|Z|, ESR vs. Freq. Characteristics
(Simulation Data)



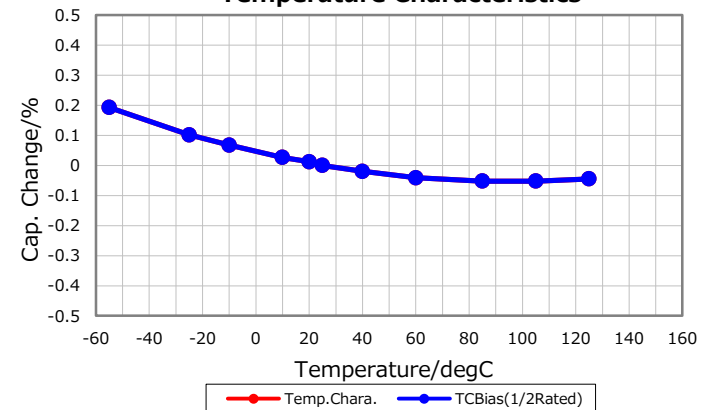
Cap. vs. Freq. Characteristic



DC Bias Characteristic



Temperature Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

May 12, 2017