

CKG45KC0G2E683J290JJ

TDK Item Description : CKG45KC0G2E683JT***

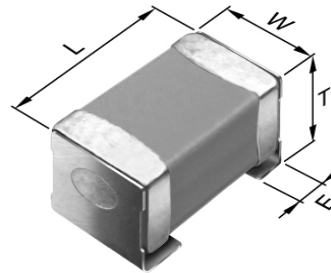


Application & Main Feature

Automotive Grade (MEGACAP Type)

Series

CKG45K(4532) [EIA 1812]



Dimensions

L	5.00mm ±0.50mm
W	3.50mm ±0.50mm
T	2.90mm ±0.10mm
E	1.10mm ±0.30mm

Temperature Characteristic

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

Rated Voltage

2E(250Vdc)

Capacitance

68nF

Capacitance Tolerance

J (±5%)

Q Factor

1000 Min.

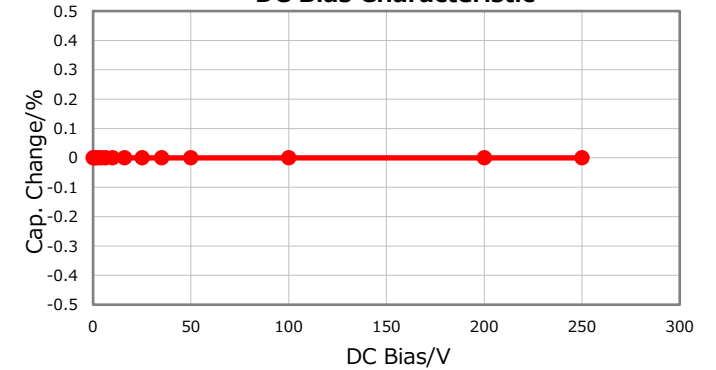
Insulation Resistance

7.352Gohm Min

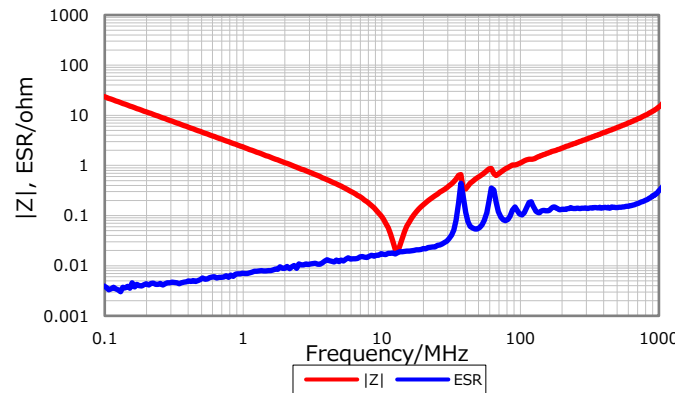
AEC-Q200

Yes

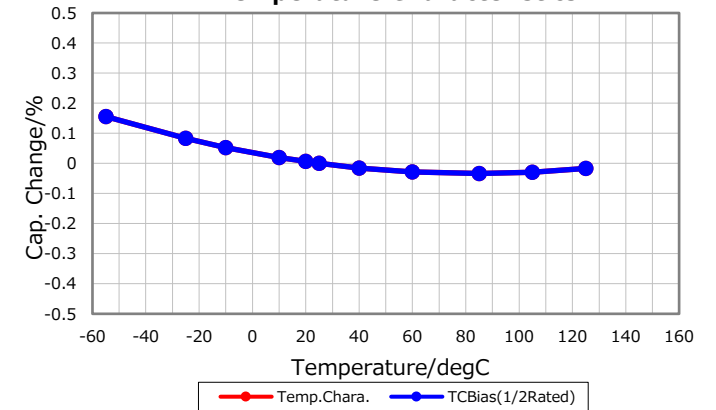
DC Bias Characteristic



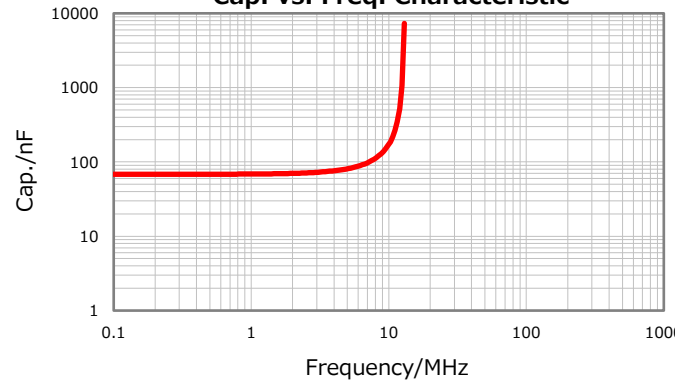
|Z|, ESR vs. Freq. Characteristics



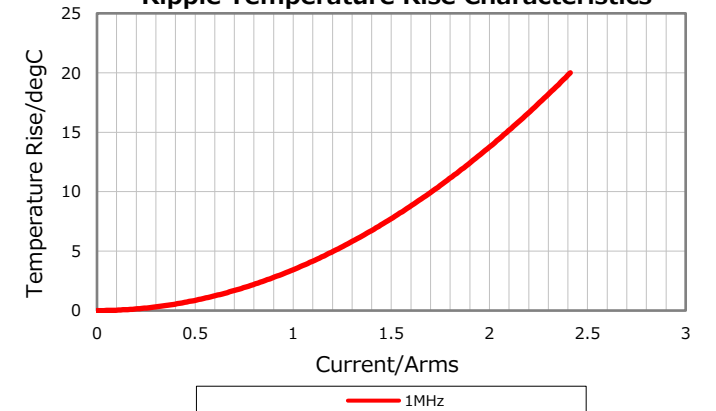
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

May 22, 2019