

CKG45KX7T2E684M290JJ

TDK Item Description : CKG45KX7T2E684MT****

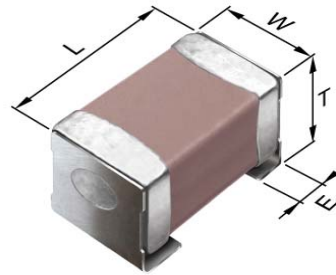


Application & Main Feature

Automotive Grade (MEGACAP Type)

Series

CKG45K(4532) [EIA CC1812]



Dimensions

L 5.00mm +/-0.5mm
 W 3.50mm +/-0.5mm
 T 2.90mm +/-0.1mm
 E 1.10mm +/-0.3mm

Temperature Characteristic

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

Rated Voltage

2E (250Vdc)

Capacitance

680nF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

2.5% Max.

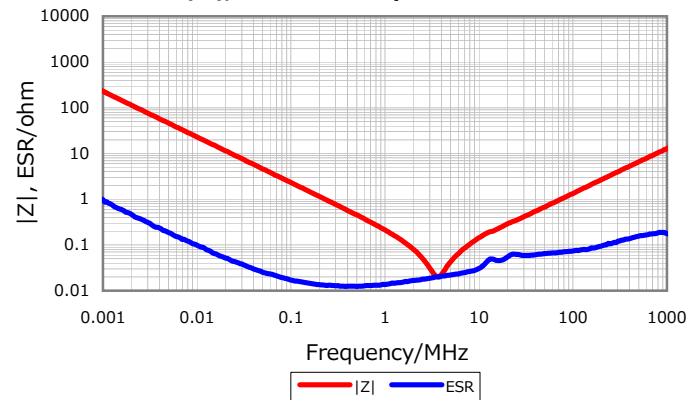
Insulation Resistance

735Mohm Min.

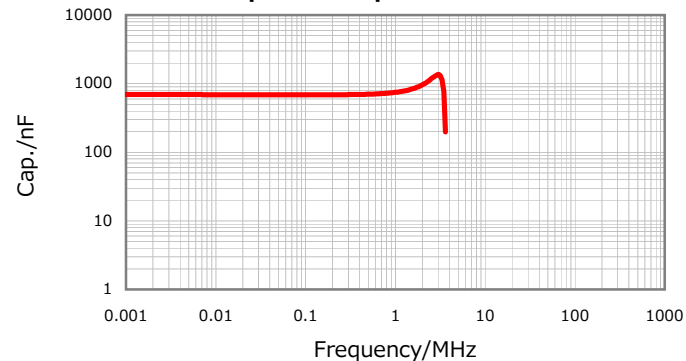
AEC-Q200

Yes

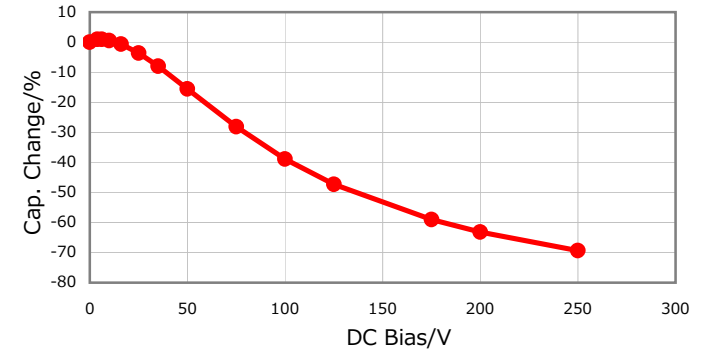
|Z|, ESR vs. Freq. Characteristics



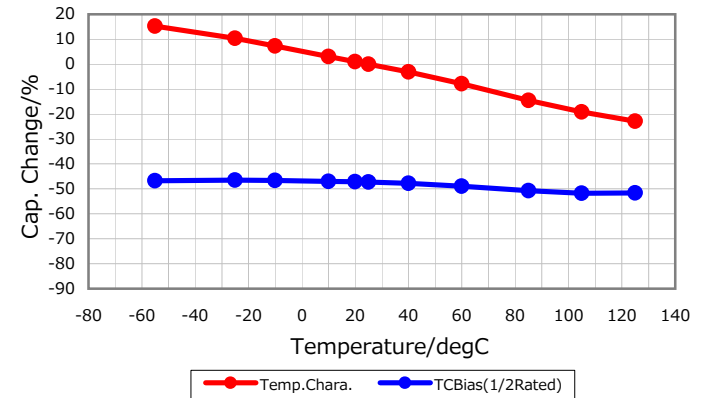
Cap. vs. Freq. Characteristic



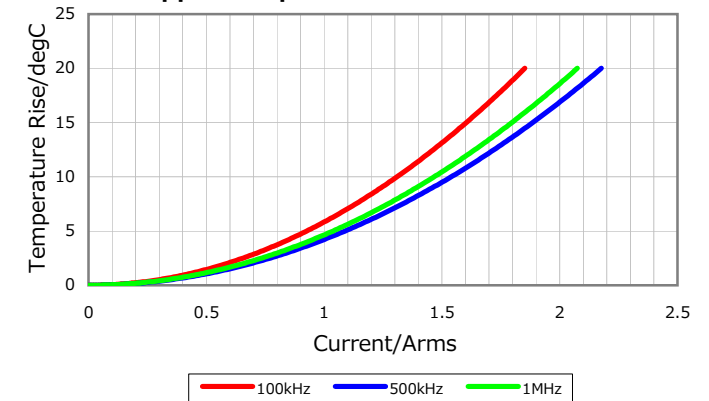
DC Bias Characteristic



Temperature Characteristics



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

January 4, 2016