

CKG45KX7T2E684M290JJ

TDK item description : CKG45KX7T2E684MT***

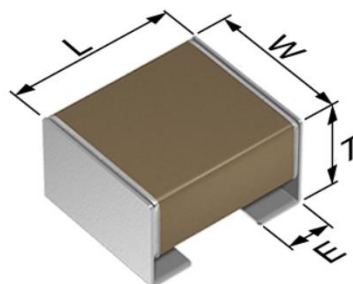


Application & Main Feature

Automotive grade (MEGACAP)

Series

CKG45K(4532) [EIA 1812]



Dimensions

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

Temperature Characteristic

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

Rated Voltage

2E (250Vdc)

Capacitance

680nF

Capacitance Tolerance

M (±20%)

DF

2.5 % max.

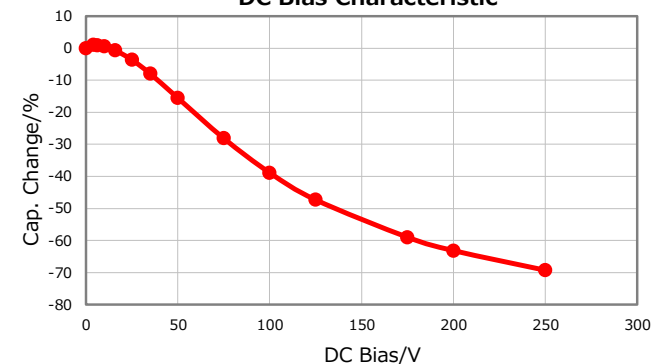
Insulation Resistance

735 Mohm min.

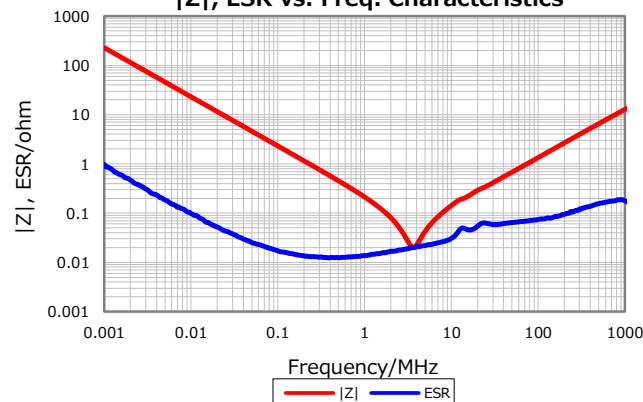
AEC-Q200

Yes

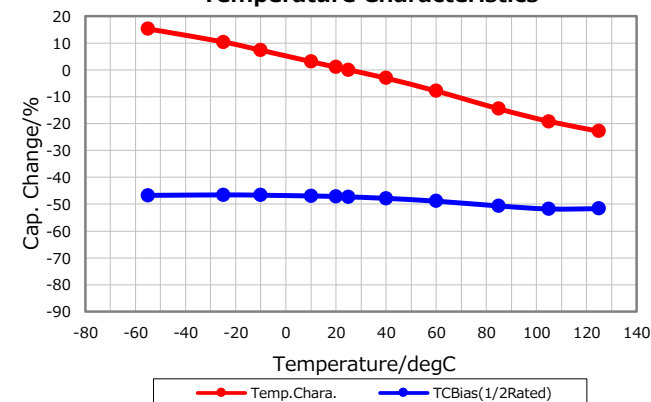
DC Bias Characteristic



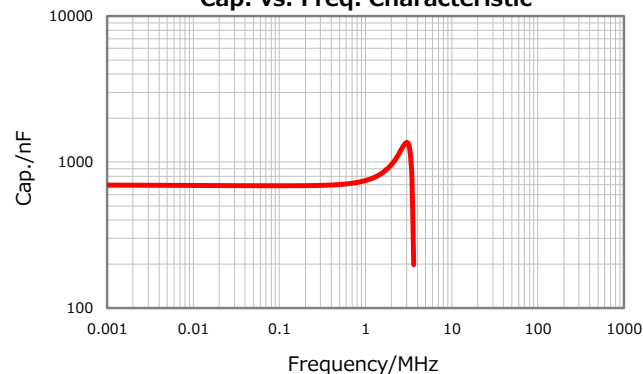
|Z|, ESR vs. Freq. Characteristics



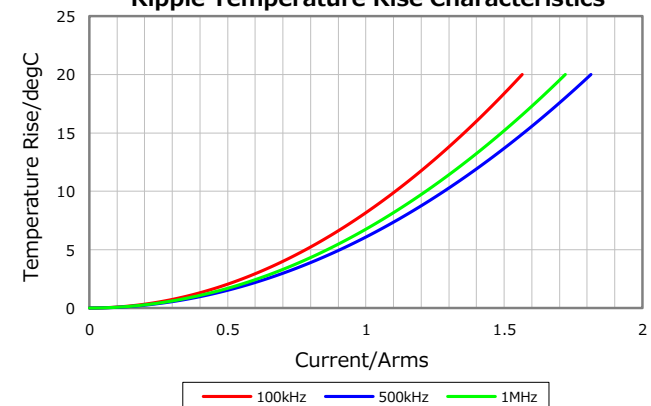
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

April 12, 2022