

CKG45KX7S1C226M290JJ

TDK item description : CKG45KX7S1C226MT****

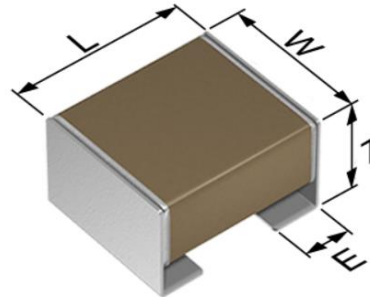


Application & Main Feature

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

X7S (-55 to +125 degC, ±22%)

Rated Voltage

1C (16Vdc)

Capacitance

22μF

Capacitance Tolerance

M (±20%)

DF

7.5 % max.

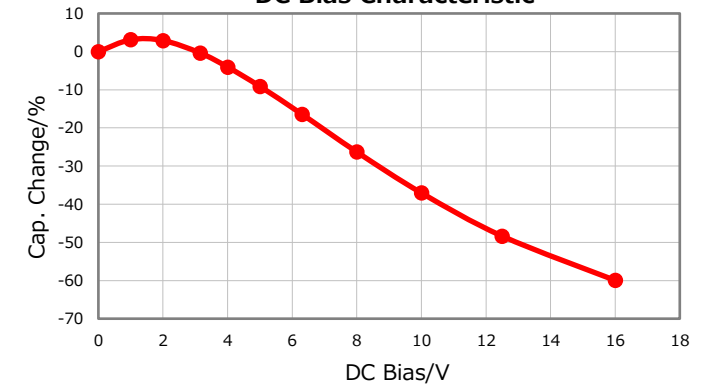
Insulation Resistance

4 Mohm min.

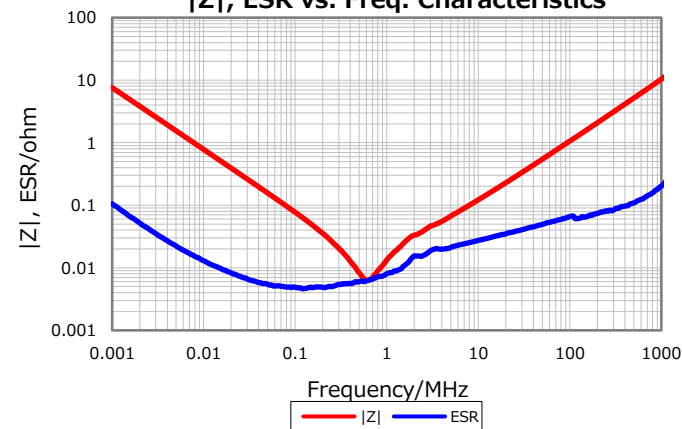
AEC-Q200

Yes

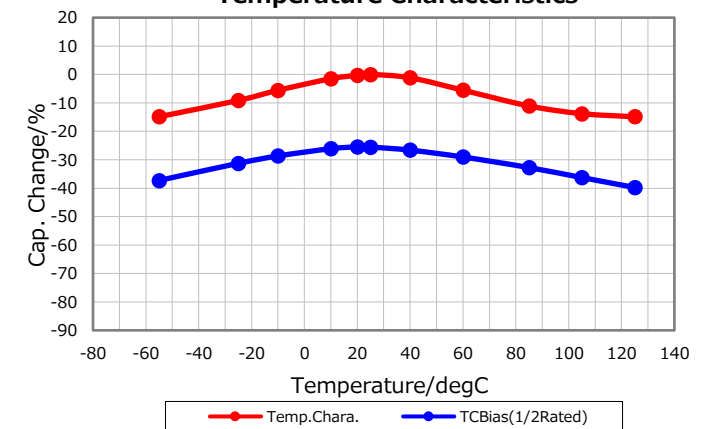
DC Bias Characteristic



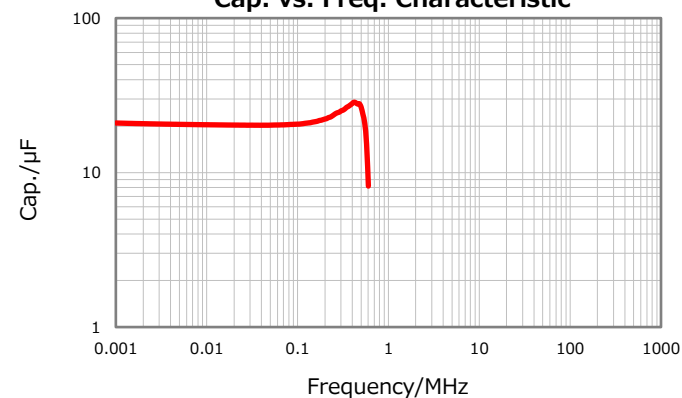
|Z|, ESR vs. Freq. Characteristics



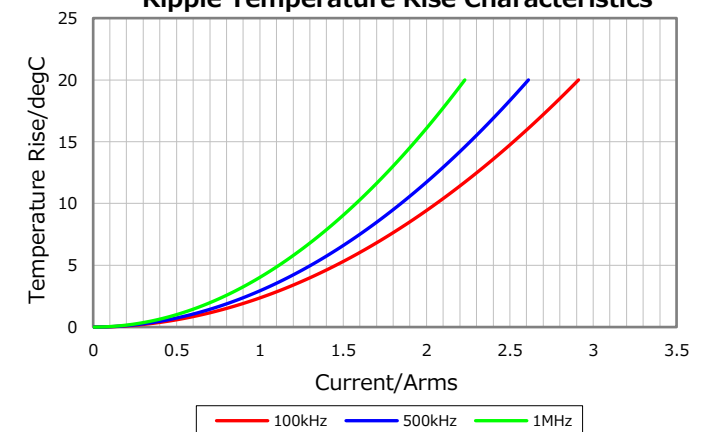
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

April 13, 2022