

CKG45KX7R1C106M290JJ

TDK item description : CKG45KX7R1C106MT****

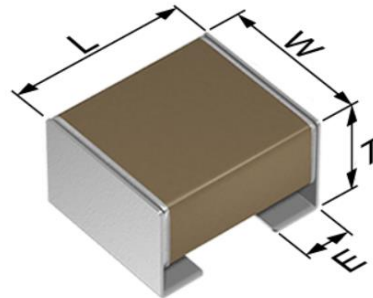


Application & Main Feature

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

X7R (-55 to +125 degC, ±15%)

Rated Voltage

1C (16Vdc)

Capacitance

10µF

Capacitance Tolerance

M (±20%)

DF

5 % max.

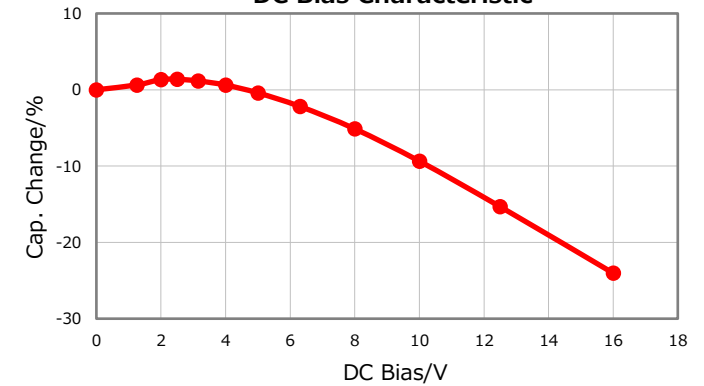
Insulation Resistance

10 Mohm min.

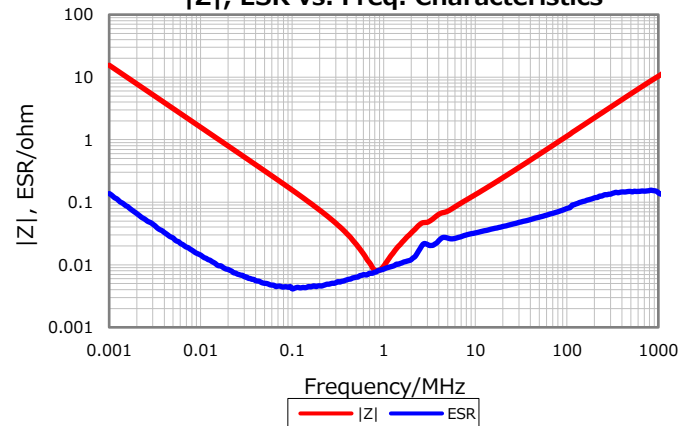
AEC-Q200

Yes

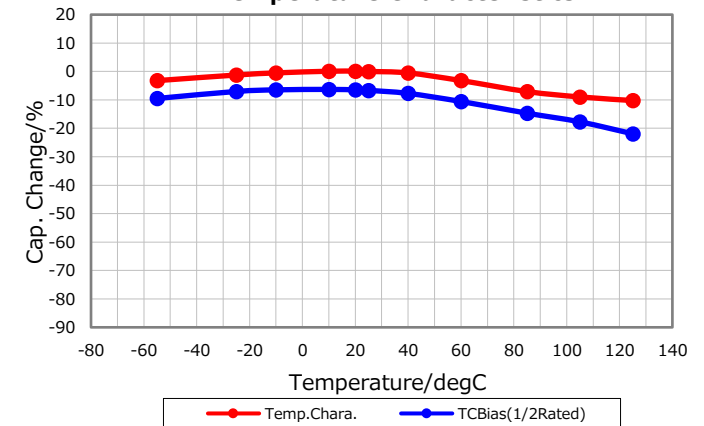
DC Bias Characteristic



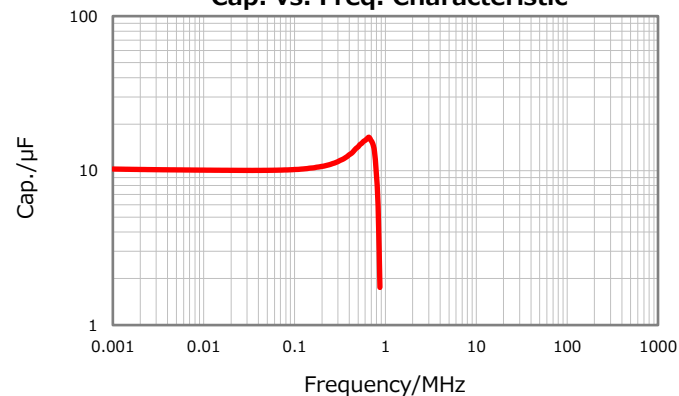
|Z|, ESR vs. Freq. Characteristics



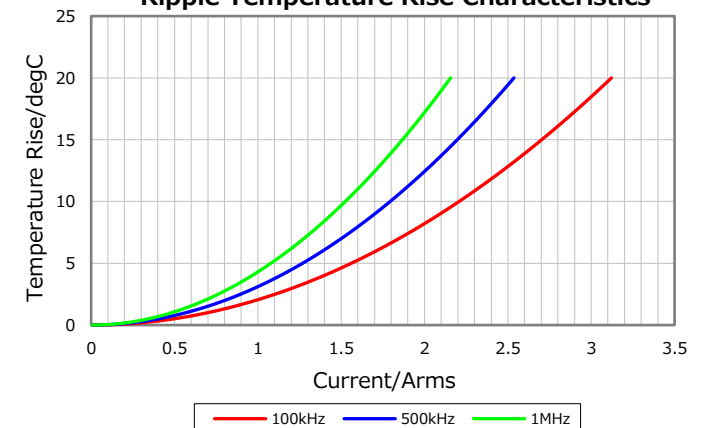
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

April 13, 2022