

CKG45KX7R2A225K290JH

TDK item description : CKG45KX7R2A225KT****

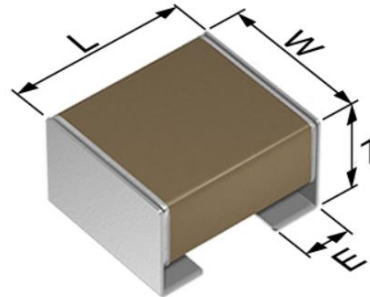


Application & Main Feature

Commercial 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

2A (100Vdc)

Capacitance

2.2µF

Capacitance Tolerance

K (±10%)

DF

3 % max.

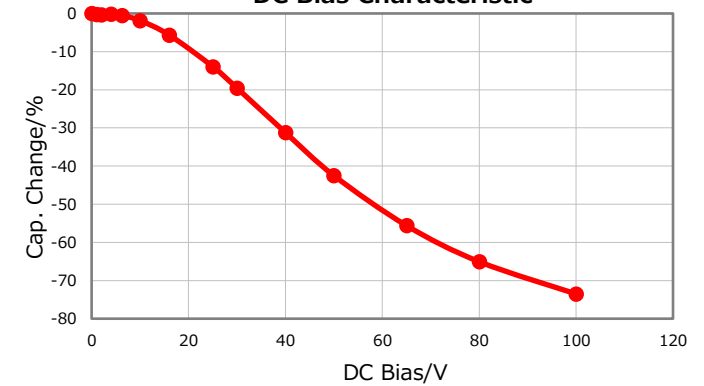
Insulation Resistance

227 Mohm min.

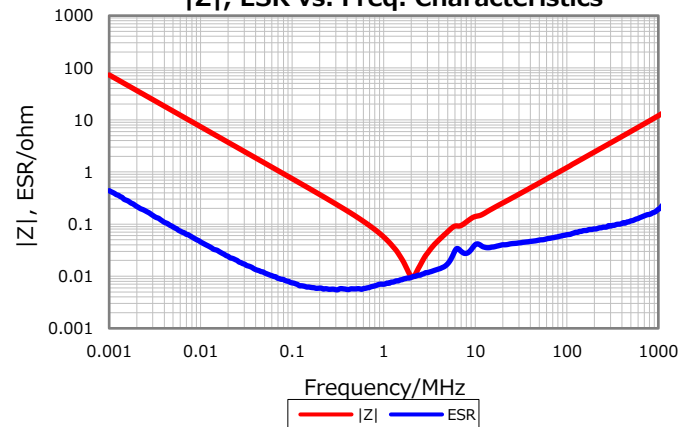
AEC-Q200

Not Applicable

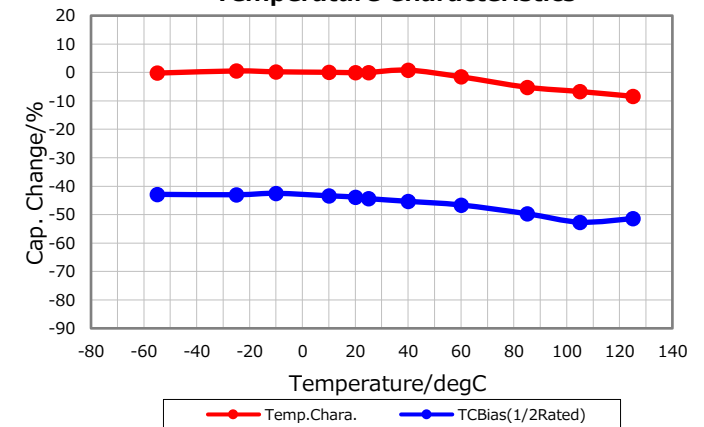
DC Bias Characteristic



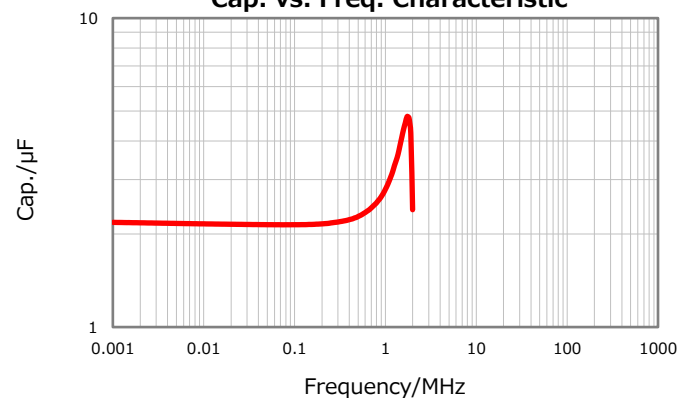
|Z|, ESR vs. Freq. Characteristics



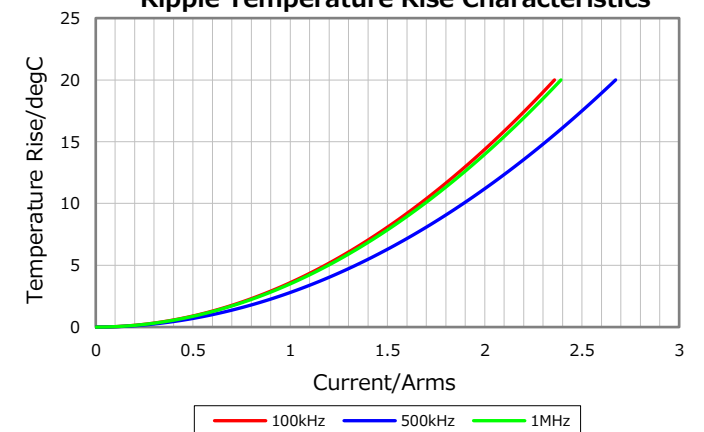
Temperature Characteristics



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