

CKG45KX7R2A105K290JJ

TDK item description : CKG45KX7R2A105KT***

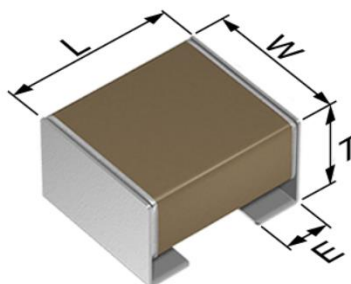


Application & Main Feature

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

2A (100Vdc)

Capacitance

1μF

Capacitance Tolerance

K (±10%)

DF

3 % max.

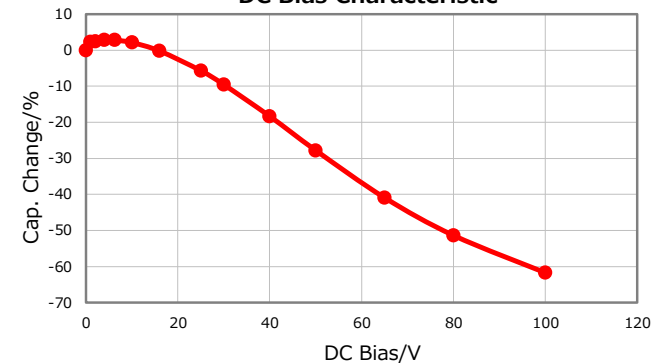
Insulation Resistance

500 Mohm min.

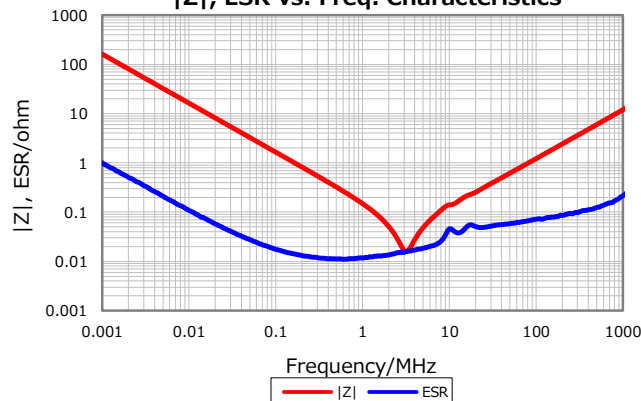
AEC-Q200

Yes

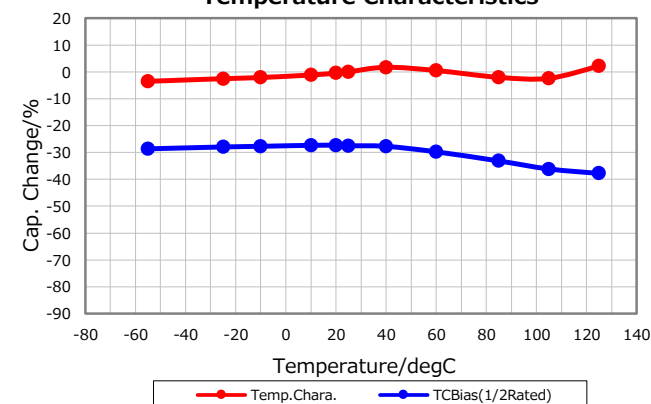
DC Bias Characteristic



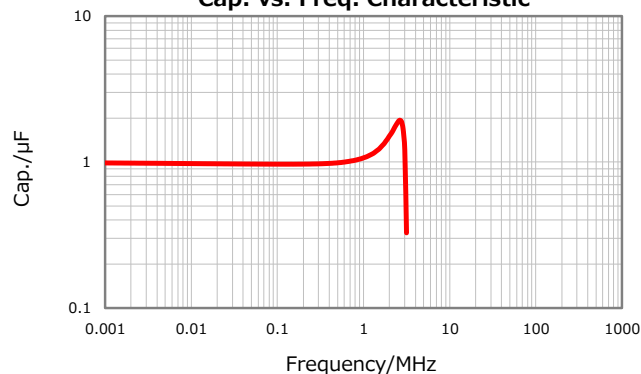
|Z|, ESR vs. Freq. Characteristics



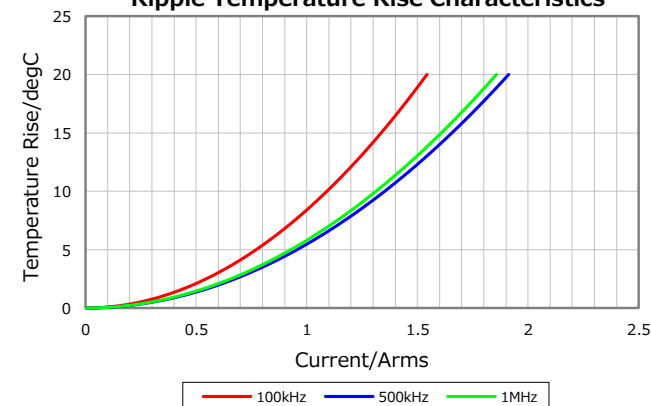
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

April 12, 2022