

CKG57KX7R2E105K335JJ

TDK item description : CKG57KX7R2E105KT****

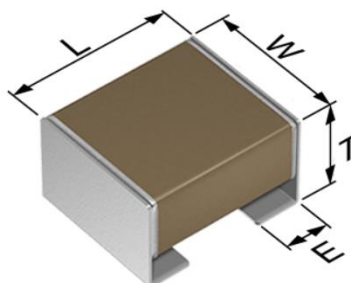


Application & Main Feature

Automotive grade (MEGACAP)

Series

CKG57K(5750) [EIA 2220]



Dimensions

L 6.00±0.50 mm
W 5.00±0.50 mm
T 3.35±0.15 mm
E 1.60±0.30 mm

Temperature Characteristic

X7R (-55 to +125 degC, ±15%)

Rated Voltage

2E (250Vdc)

Capacitance

1μF

Capacitance Tolerance

K (±10%)

DF

3 % max.

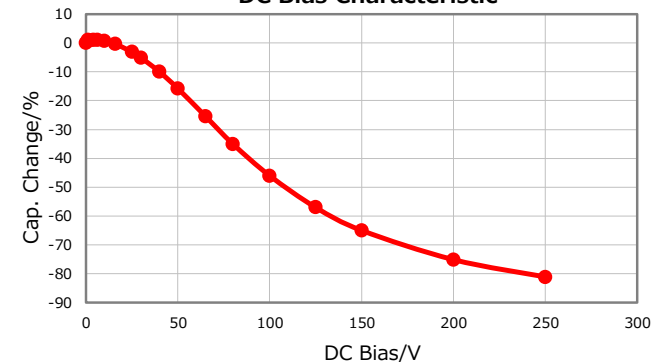
Insulation Resistance

500 Mohm min.

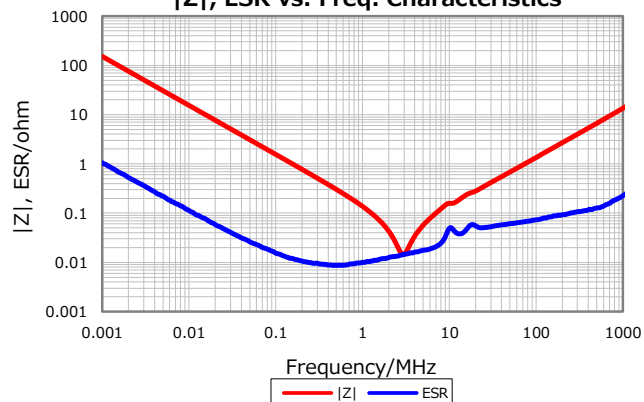
AEC-Q200

Yes

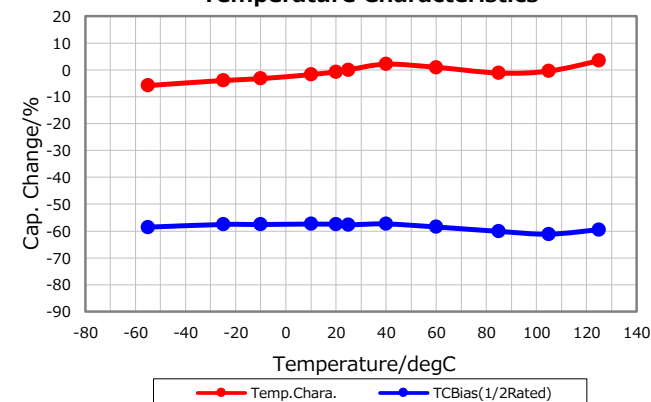
DC Bias Characteristic



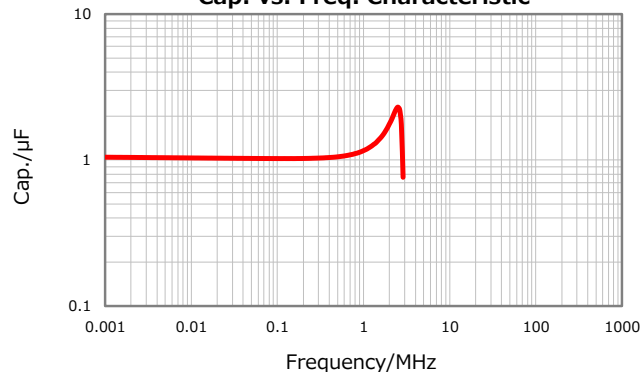
|Z|, ESR vs. Freq. Characteristics



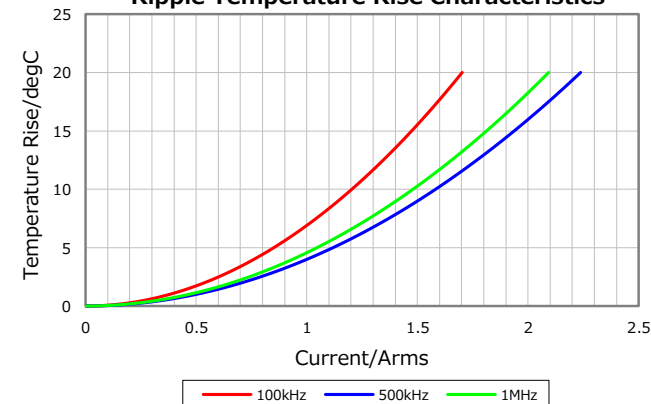
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

April 7, 2022