

CKG57NX7S1C107M500JJ

TDK Item Description : CKG57NX7S1C107MT****

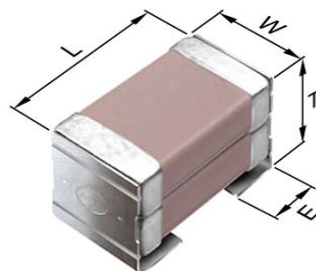


Application & Main Feature

Automotive Grade (MEGACAP Type)

Series

CKG57N(5750) [EIA CC2220]



Dimensions

L 6.00mm +/-0.5mm
 W 5.00mm +/-0.5mm
 T 5.00mm +/-0.5mm
 E 1.60mm +/-0.3mm

Temperature Characteristic

X7S (-55 to 125 degC +/-22%)

Rated Voltage

1C (16Vdc)

Capacitance

100uF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

7.5% Max.

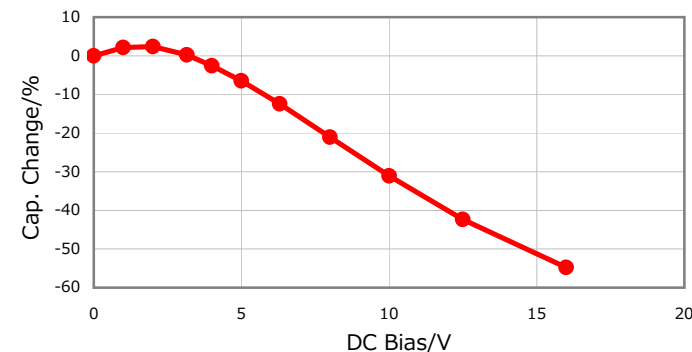
Insulation Resistance

1Mohm Min.

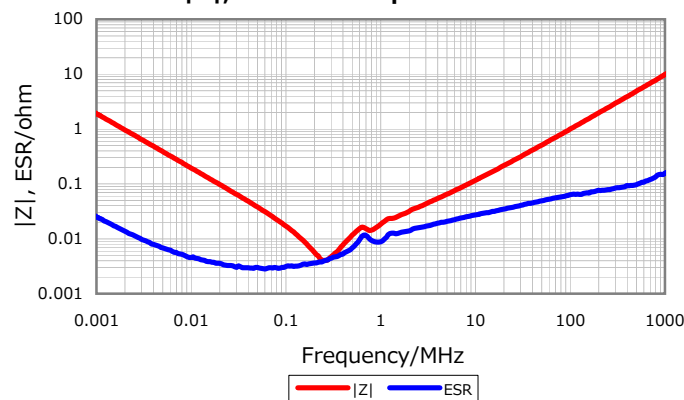
AEC-Q200

Yes

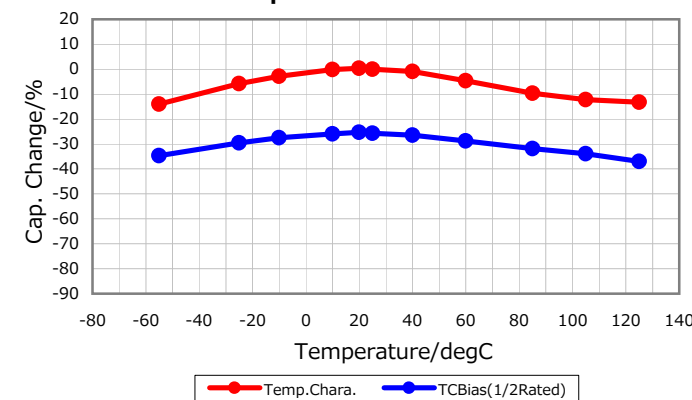
DC Bias Characteristic



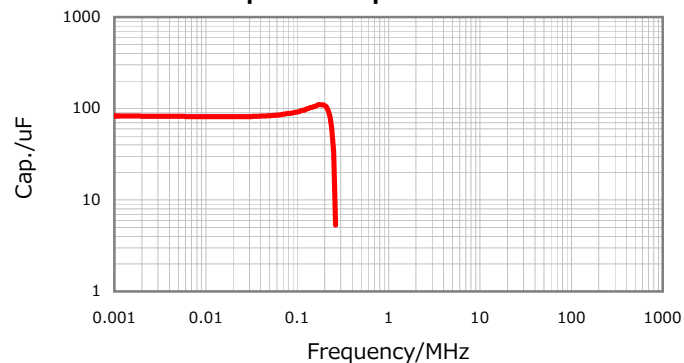
|Z|, ESR vs. Freq. Characteristics



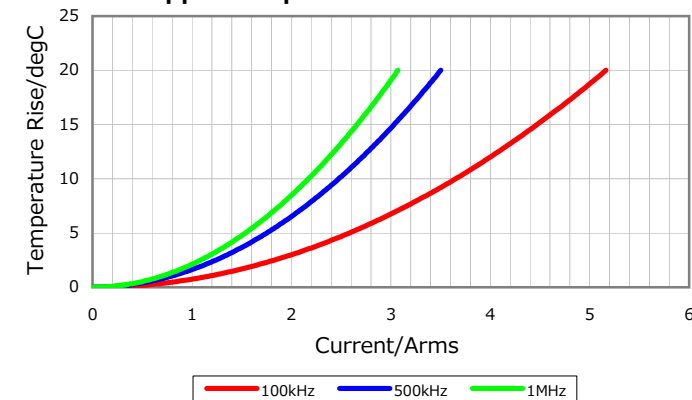
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



⚠ All specifications are subject to change without notice.

January 4, 2016