

CKG45NX7S2A106M500JJ

TDK Item Description : CKG45NX7S2A106MT****

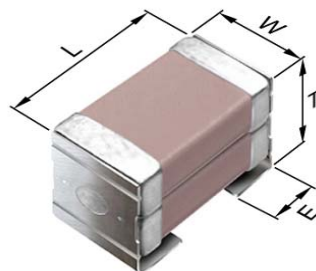


Application & Main Feature

Automotive Grade (MEGACAP Type)

Series

CKG45N(4532) [EIA CC1812]



Dimensions

L 5.00mm +/-0.5mm
 W 3.50mm +/-0.5mm
 T 5.00mm +/-0.5mm
 E 1.10mm +/-0.3mm

Temperature Characteristic

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

Rated Voltage

2A (100Vdc)

Capacitance

10uF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

5% Max.

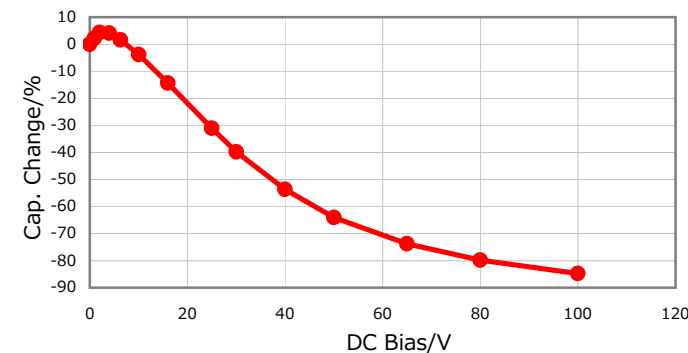
Insulation Resistance

50Mohm Min.

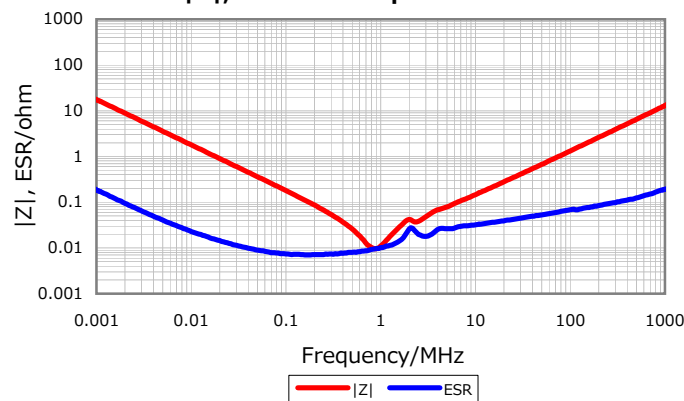
AEC-Q200

Yes

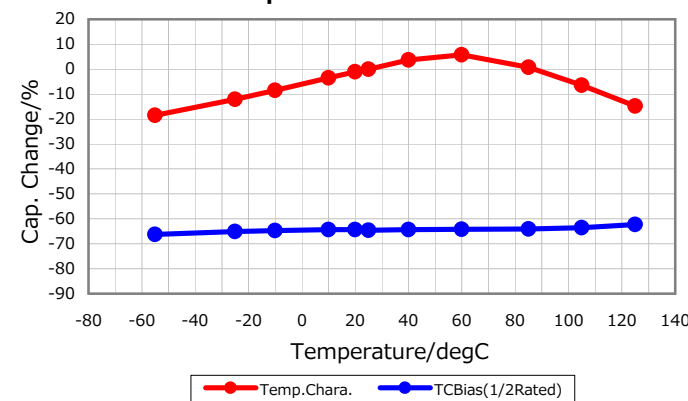
DC Bias Characteristic



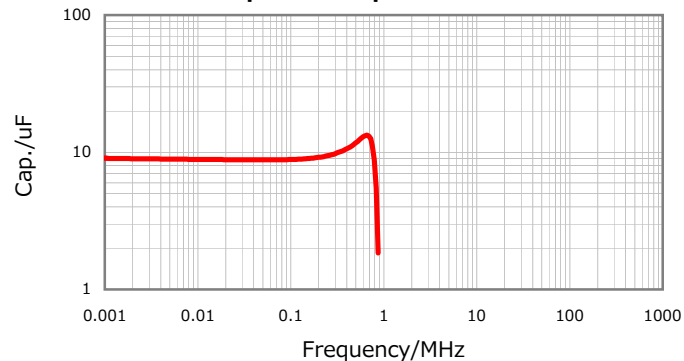
|Z|, ESR vs. Freq. Characteristics



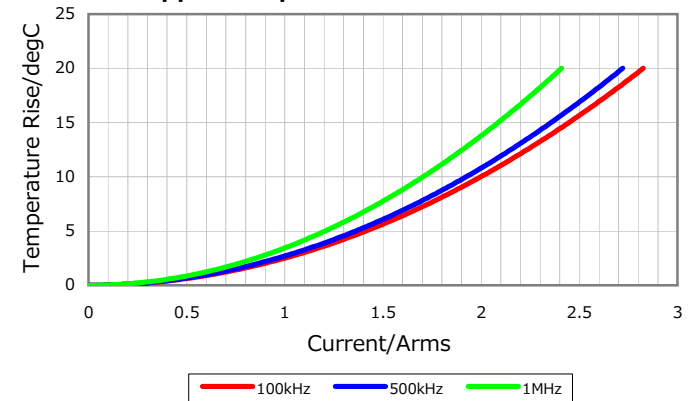
Temperature Characteristics



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