

CKG45NX7R1E106M500JH

TDK Item Description : CKG45NX7R1E106MT****

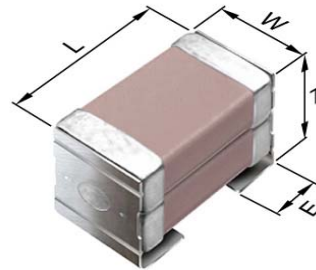


Application & Main Feature

Commercial 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

X7R (-55 to 125 degC +/-15%)

Rated Voltage

1E (25Vdc)

Capacitance

10uF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

3% Max.

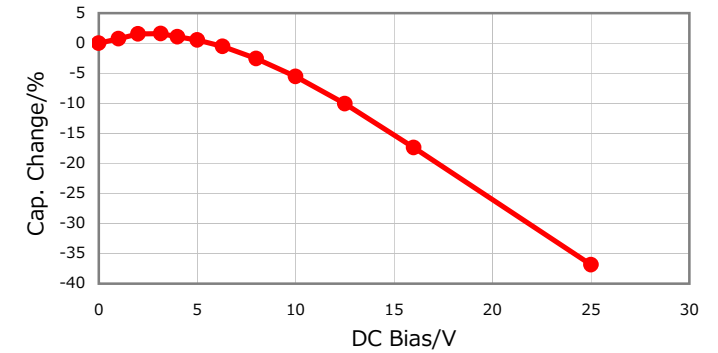
Insulation Resistance

50Mohm Min.

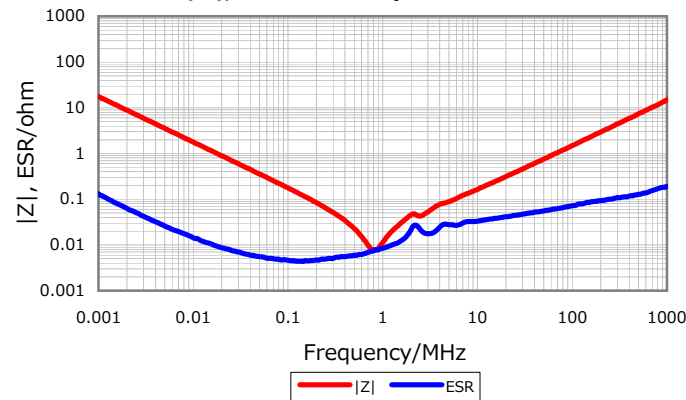
AEC-Q200

Not Applicable

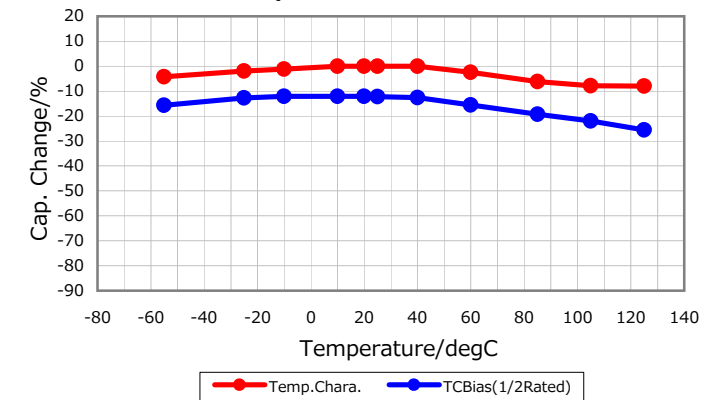
DC Bias Characteristic



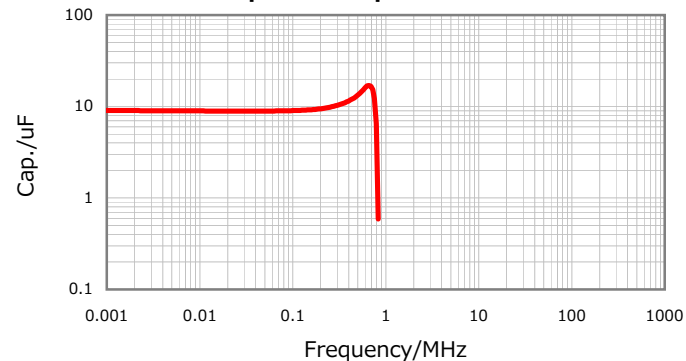
|Z|, ESR vs. Freq. Characteristics



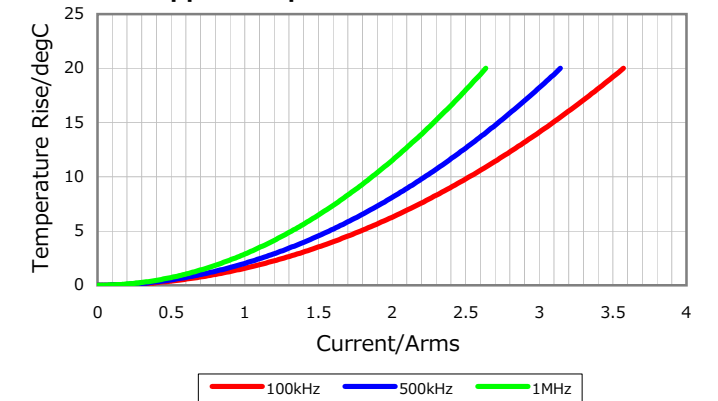
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

January 4, 2016