

CKG45NC0G2E144K500JJ

TDK Item Description : CKG45NC0G2E144KT****

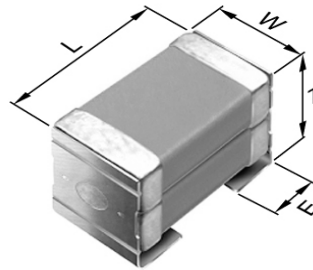


Application & Main Feature

Automotive Grade (MEGACAP Type)

Series

CKG45N(4532) [EIA 1812]



Dimensions

L	5.00mm ±0.50mm
W	3.50mm ±0.50mm
T	5.00mm ±0.50mm
E	1.10mm ±0.30mm

Temperature Characteristic

C0G (-55 to 125 degC 0+/-30ppm/degC)

Rated Voltage

2E(250Vdc)

Capacitance

140nF

Capacitance Tolerance

K (±10%)

Q Factor

1000 Min.

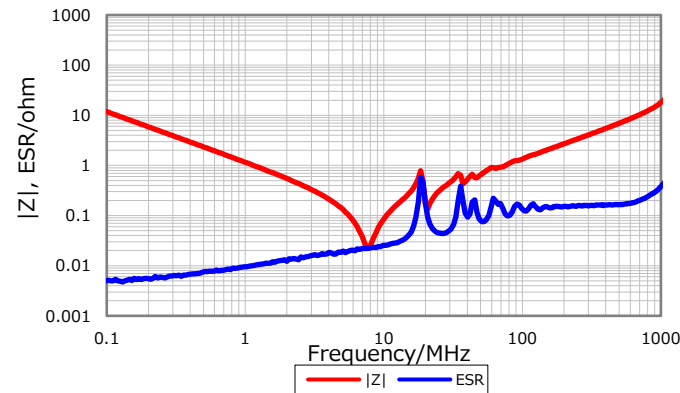
Insulation Resistance

3.571Gohm Min

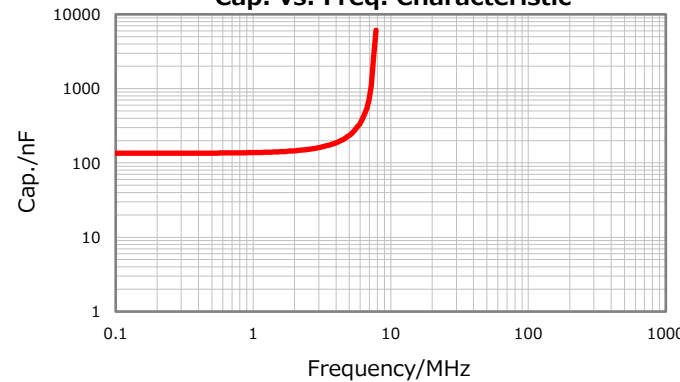
AEC-Q200

Yes

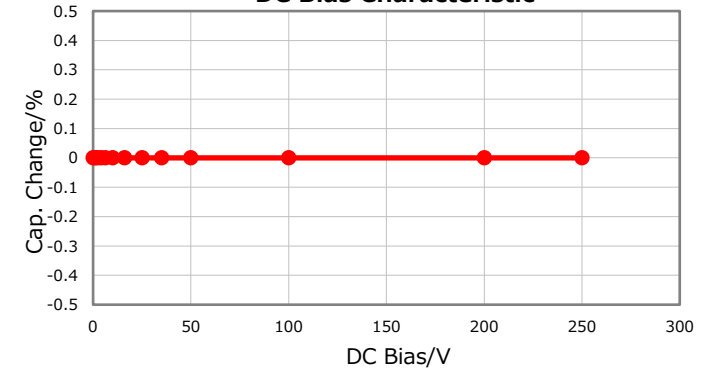
|Z|, ESR vs. Freq. Characteristics



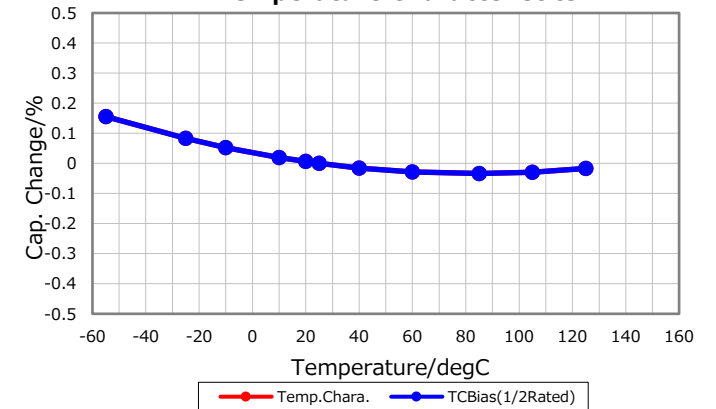
Cap. vs. Freq. Characteristic



DC Bias Characteristic



Temperature Characteristics



Ripple Temperature Rise Characteristics

