

CGA9P1X7T2J474K250KE

TDK Item Description : CGA9P1X7T2J474KT***S



Equivalent C5750X7T2J474K for Automotive

Application & Main Feature

Automotive Grade (Soft Termination)

Series

CGA9(5750) [EIA CC2220]



Dimensions

L 5.70mm +0.5,-0.4mm
 W 5.00mm +/-0.4mm
 T 2.50mm +/-0.3mm
 B 0.20mm Min.
 G

Temperature Characteristic

X7T (-55 to 125 degC +22,-33%)

Rated Voltage

2J (630Vdc)

Capacitance

470nF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

2.5% Max.

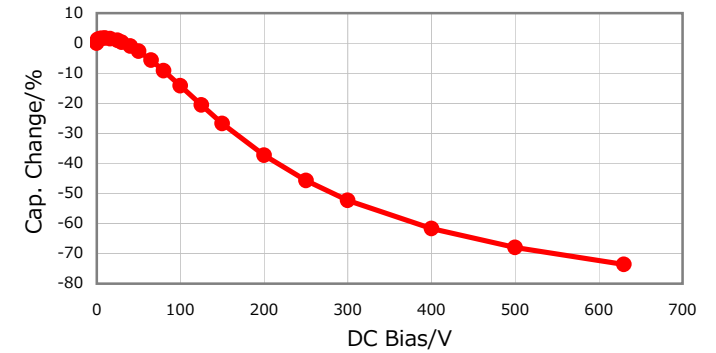
Insulation Resistance

1.06Gohm Min.

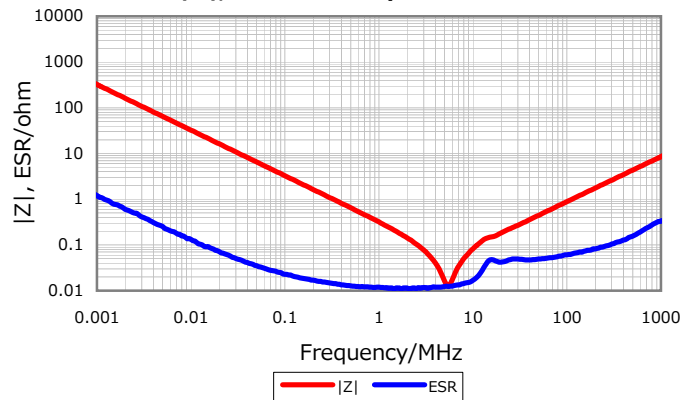
AEC-Q200

Yes

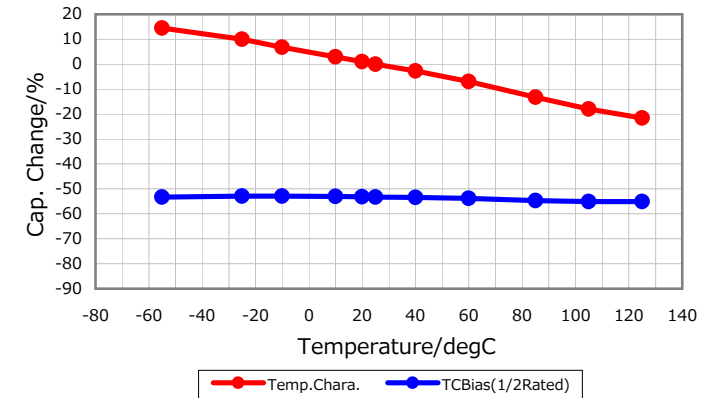
DC Bias Characteristic



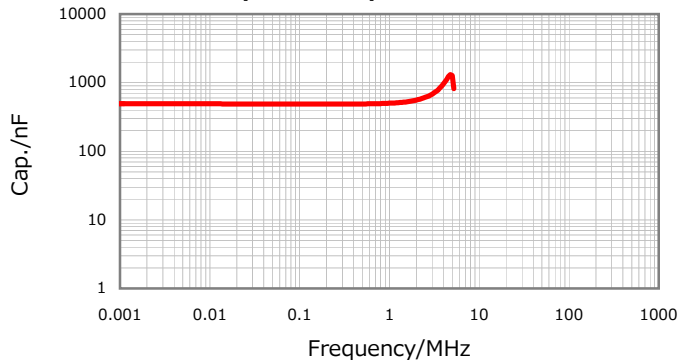
|Z|, ESR vs. Freq. Characteristics



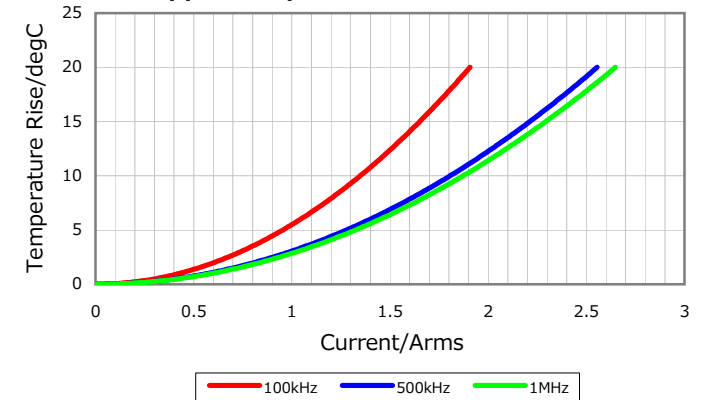
Temperature Characteristic



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristic



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

September 28, 2013