

CGA8M1X7T2J224K200KE

TDK Item Description : CGA8M1X7T2J224KT***S



Equivalent C4532X7T2J224K for Automotive

Application & Main Feature

Automotive Grade (Soft Termination)

Series

CGA8(4532) [EIA CC1812]

Dimensions

L	4.50mm +0.5,-0.4mm
W	3.20mm +/-0.4mm
T	2.00mm +0.3,-0.2mm
B	0.20mm Min.
G	

Temperature Characteristic

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

Rated Voltage

2J (630Vdc)

Capacitance

220nF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

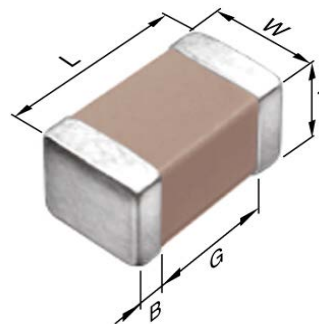
2.5% Max.

Insulation Resistance

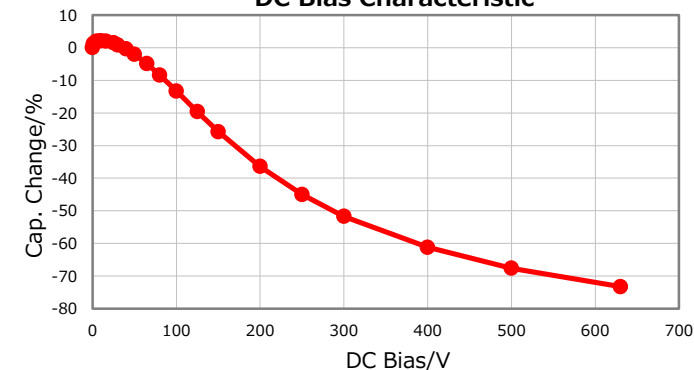
2.272Gohm Min

AEC-Q200

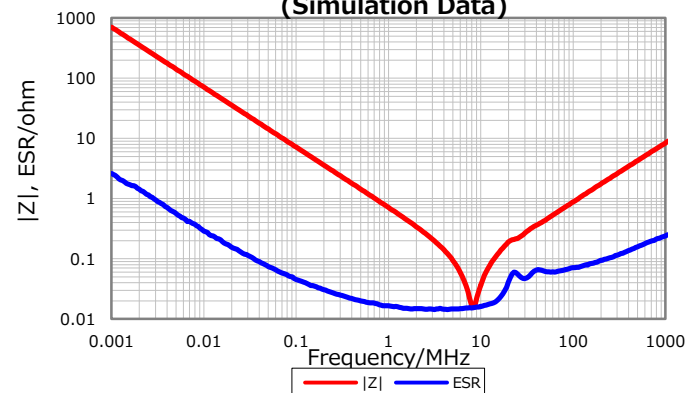
Yes



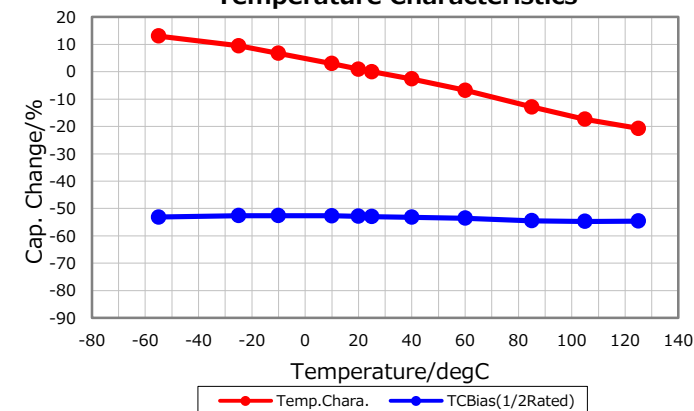
DC Bias Characteristic



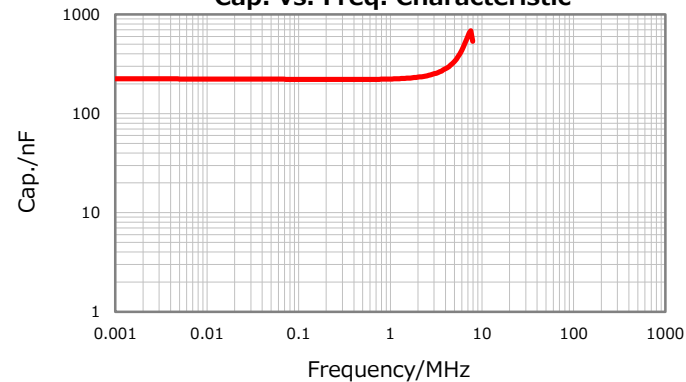
|Z|, ESR vs. Freq. Characteristics (Simulation Data)



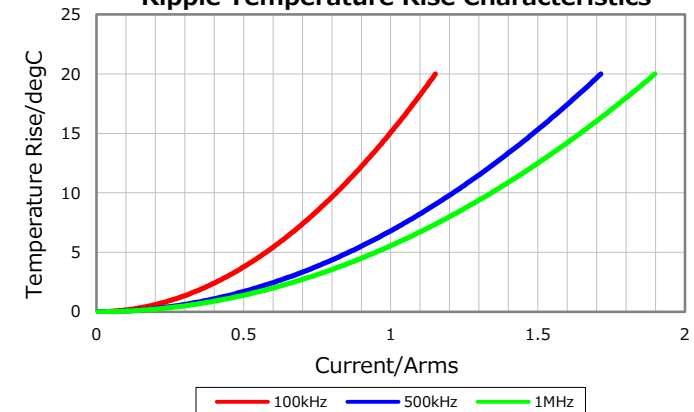
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

March 17, 2017