

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.

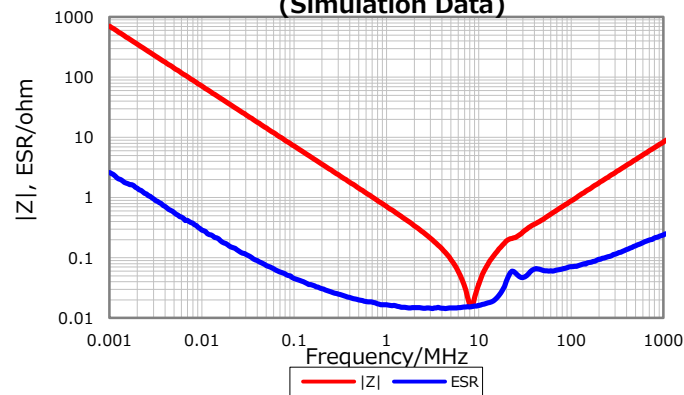
Insulation Resistance

2.272Gohm Min

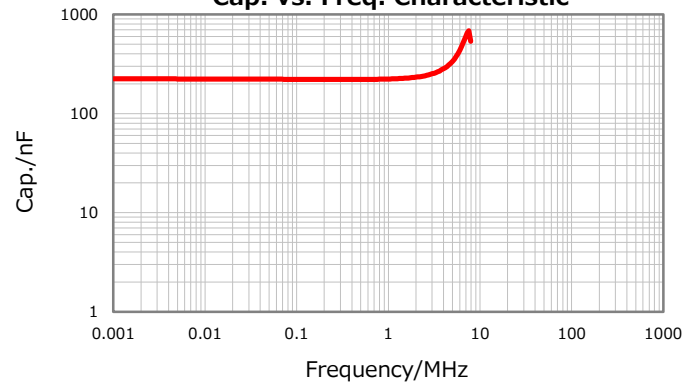
AEC-Q200

Yes

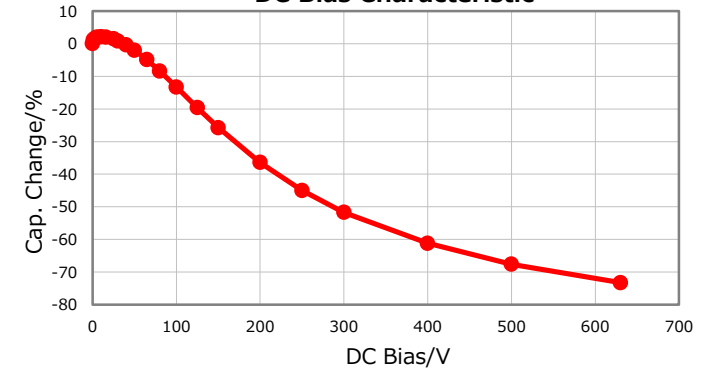
|Z|, ESR vs. Freq. Characteristics (Simulation Data)



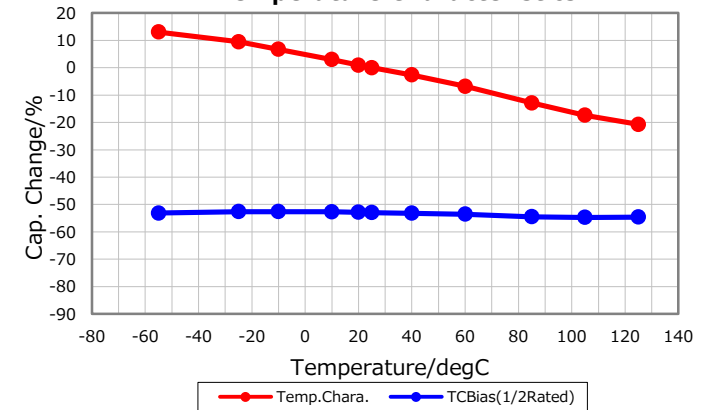
Cap. vs. Freq. Characteristic



DC Bias Characteristic



Temperature Characteristics



Ripple Temperature Rise Characteristics

