

CGA9N4X7R2J224M230KE

TDK Item Description : CGA9N4X7R2J224MT***S



Equivalent C5750X7R2J224M 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	2.30mm +0.3,-0.2mm
B	0.20mm Min.
G	

Temperature Characteristic

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

Rated Voltage

2J (630Vdc)

Capacitance

220nF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

3% Max.

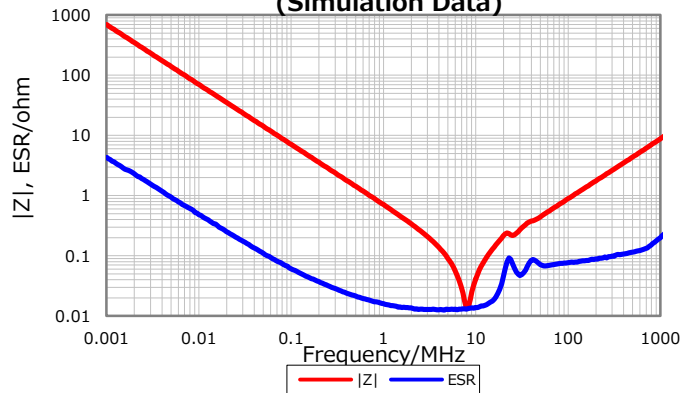
Insulation Resistance

2.272Gohm Min

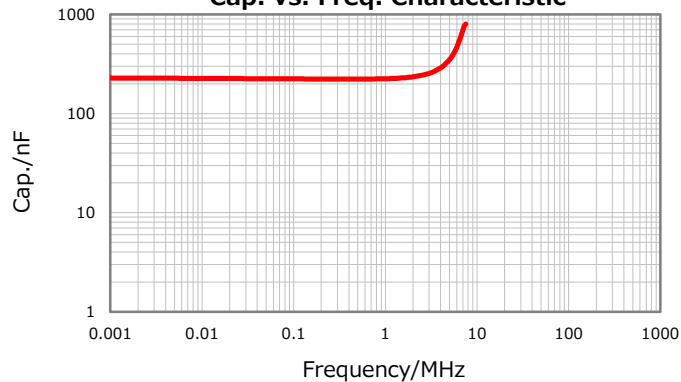
AEC-Q200

Yes

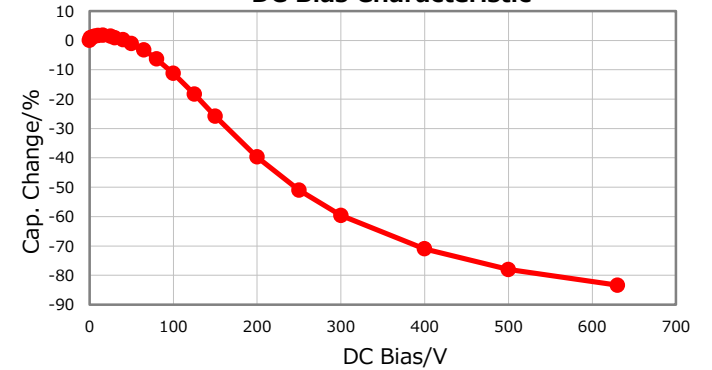
|Z|, ESR vs. Freq. Characteristics (Simulation Data)



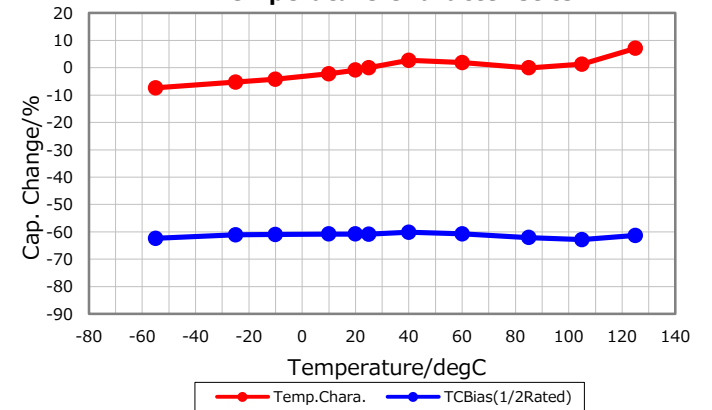
Cap. vs. Freq. Characteristic



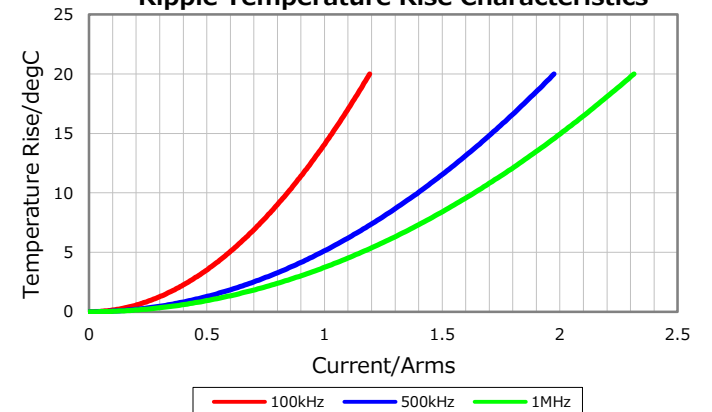
DC Bias Characteristic



Temperature Characteristics



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

March 17, 2017