

CGA6M3X7R2E224K200AE

TDK Item Description : CGA6M3X7R2E224KT***S



Equivalent C3225X7R2E224K for Automotive

Application & Main Feature

Automotive Grade (Soft Termination)

Series

CGA6(3225) [EIA CC1210]



Dimensions

L	3.20mm +0.5,-0.4mm
W	2.50mm +/-0.3mm
T	2.00mm +0.3,-0.2mm
B	0.20mm Min.
G	

Temperature Characteristic

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

Rated Voltage

2E (250Vdc)

Capacitance

220nF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

3% Max.

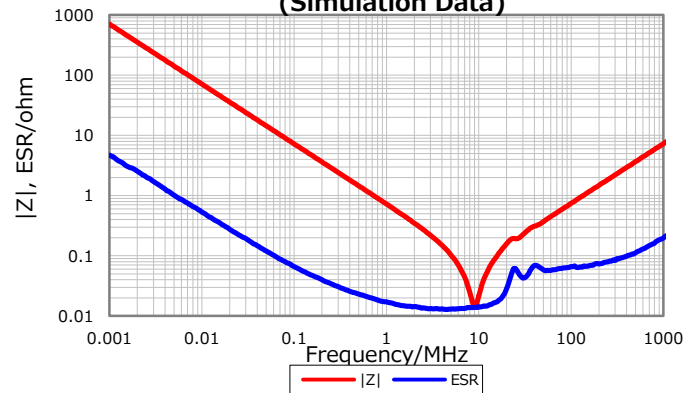
Insulation Resistance

2.272Gohm Min

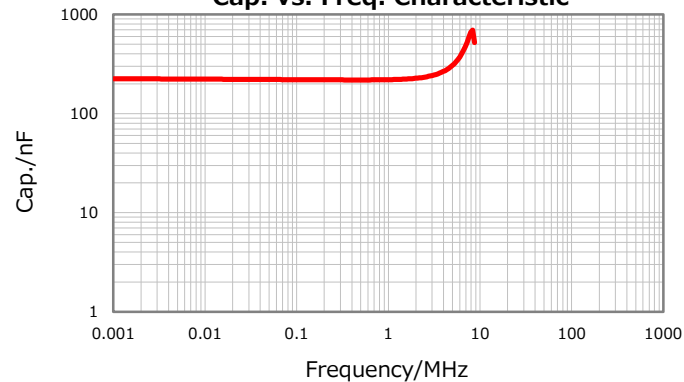
AEC-Q200

Yes

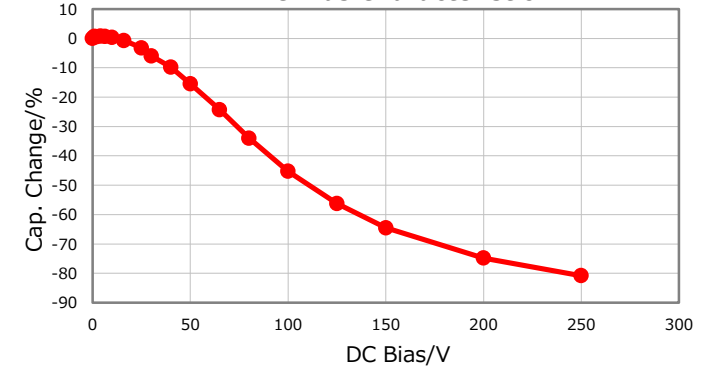
|Z|, ESR vs. Freq. Characteristics (Simulation Data)



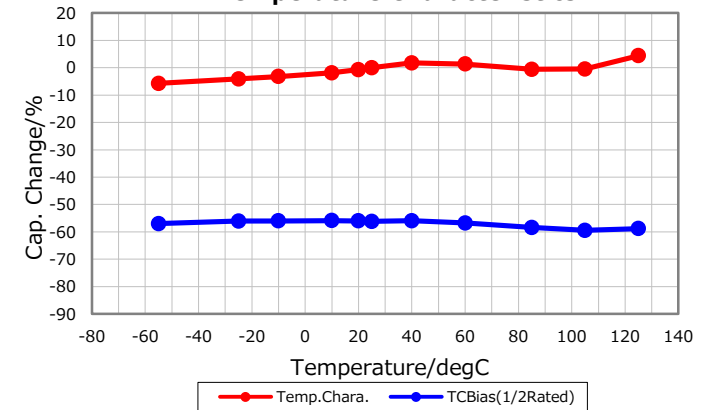
Cap. vs. Freq. Characteristic



DC Bias Characteristic



Temperature Characteristics



Ripple Temperature Rise Characteristics

