

CGA9N3X7S2A106M230KE

TDK Item Description : CGA9N3X7S2A106MT***S



Equivalent C5750X7S2A106M 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

X7S (-55 to 125 degC +/-22%)

Rated Voltage

2A (100Vdc)

Capacitance

10uF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

5% Max.

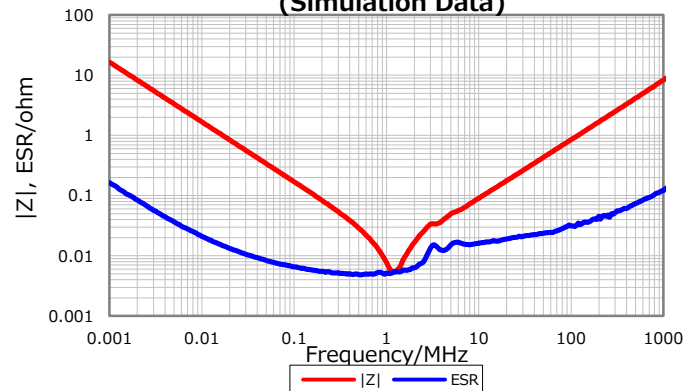
Insulation Resistance

50Mohm Min.

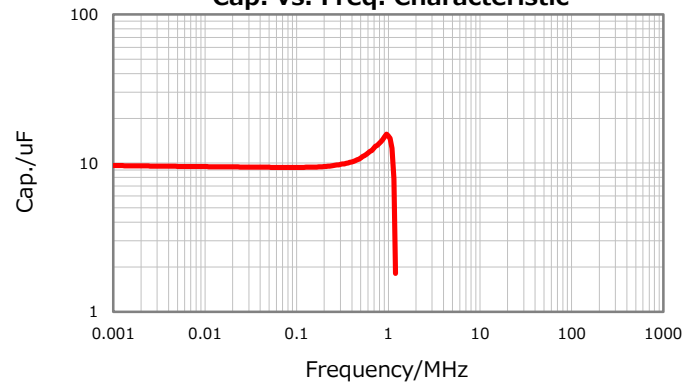
AEC-Q200

Yes

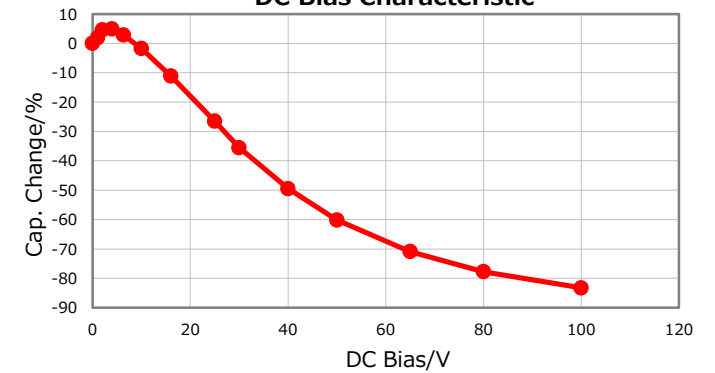
|Z|, ESR vs. Freq. Characteristics (Simulation Data)



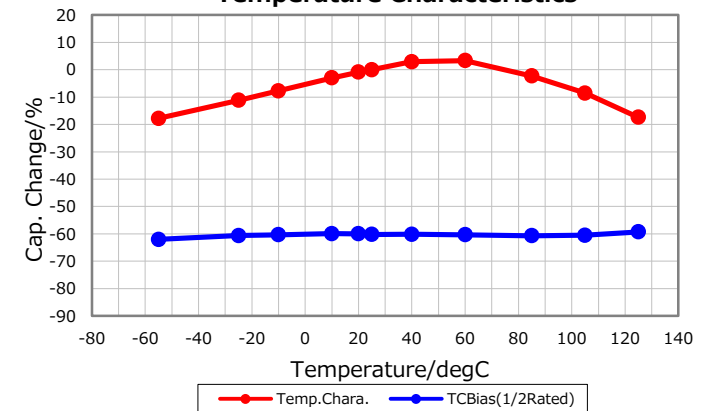
Cap. vs. Freq. Characteristic



DC Bias Characteristic



Temperature Characteristics



Ripple Temperature Rise Characteristics

