

C3216X8R1E225M160AE

TDK Item Description : C3216X8R1E225MT***S



Application & Main Feature

Commercial Grade (Soft Termination)

Series

C3216 [EIA 1206]

Dimensions

L	3.20mm +0.4,-0.2mm
W	1.60mm +0.3,-0.2mm
T	1.60mm +0.3,-0.2mm
B	0.20mm Min.
G	1.00mm Min.

Temperature Characteristic

X8R (-55 to 150 degC ±15%)

Rated Voltage

1E (25Vdc)

Capacitance

2.2uF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

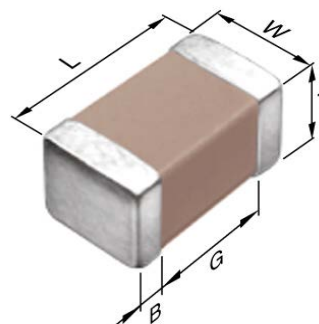
3% Max.

Insulation Resistance

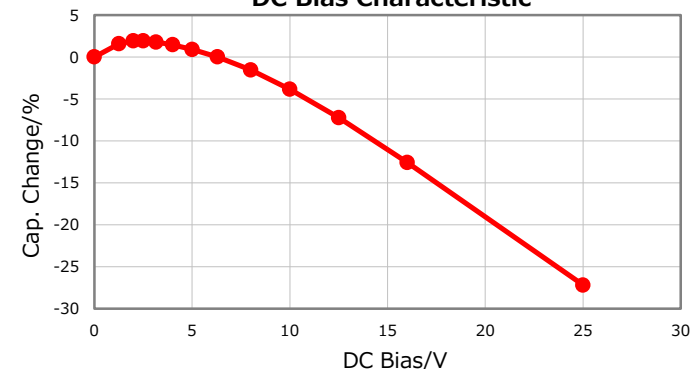
227Mohm Min.

AEC-Q200

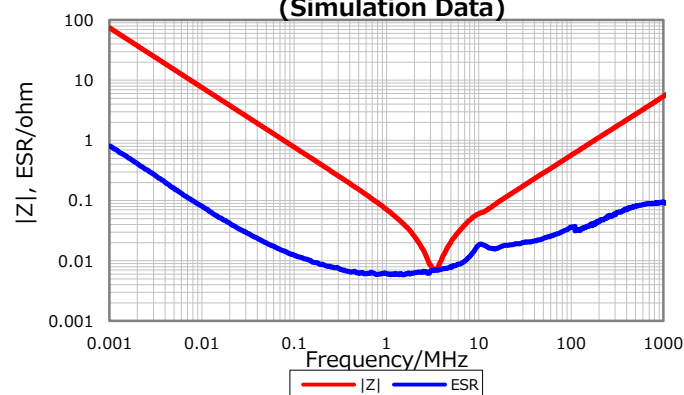
Not Applicable



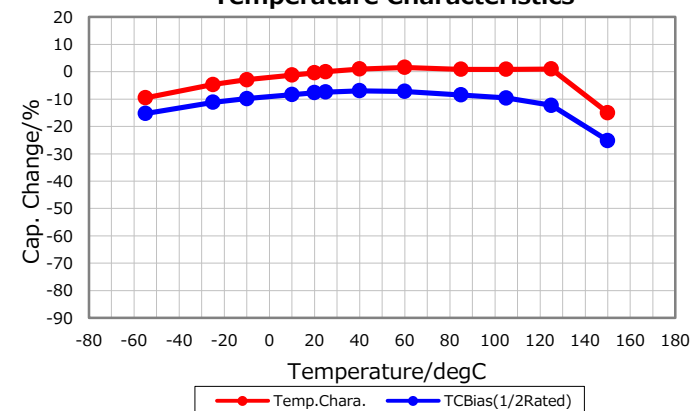
DC Bias Characteristic



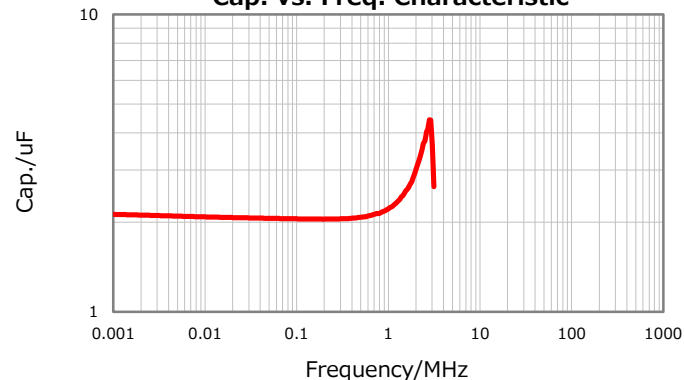
|Z|, ESR vs. Freq. Characteristics (Simulation Data)



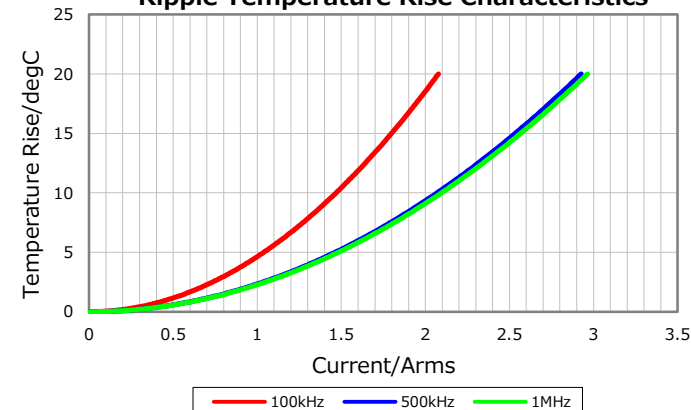
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

July 24, 2018