

C3216X7R1V225K160AE

TDK item description : C3216X7R1V225KT***S



Application & Main Feature

Commercial grade (Soft termination)

Series

C3216 [EIA 1206]

Dimensions

L	3.20+0.40/-0.20 mm
W	1.60+0.30/-0.20 mm
T	1.60+0.30/-0.20 mm
B	0.20 mm min.
G	1.00 mm min.

Temperature Characteristic

X7R (-55 to +125 degC, ±15%)

Rated Voltage

1V (35Vdc)

Capacitance

2.2μF

Capacitance Tolerance

K (±10%)

Dissipation Factor

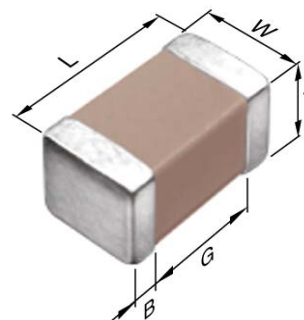
5 % max.

Insulation Resistance

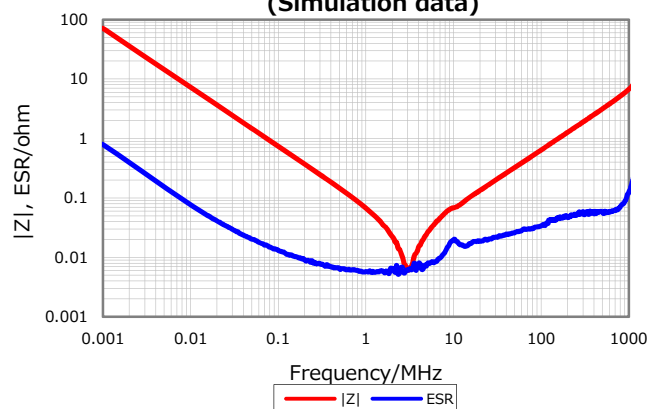
227 Mohm min.

AEC-Q200

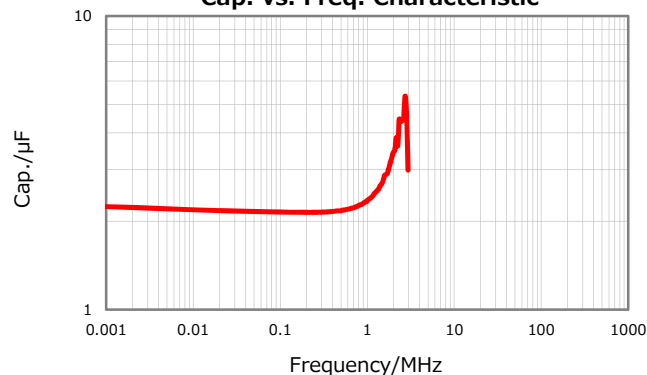
Not Applicable



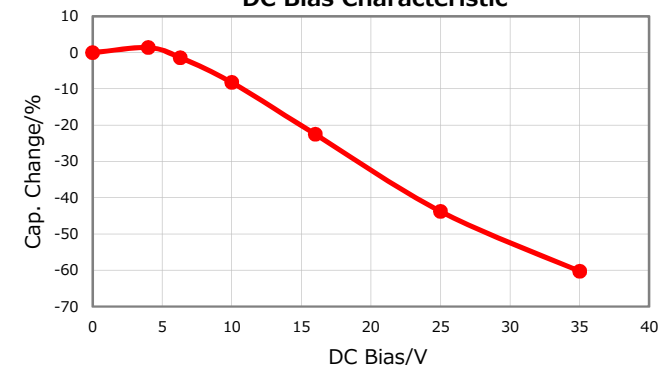
|Z|, ESR vs. Freq. Characteristics
(Simulation data)



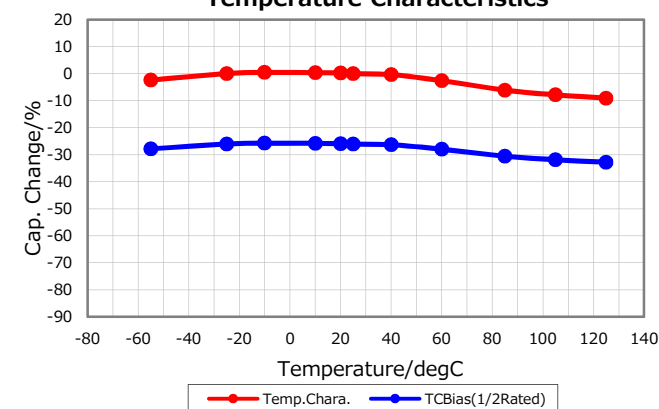
Cap. vs. Freq. Characteristic



DC Bias Characteristic



Temperature Characteristics



Ripple Temperature Rise Characteristics

