

C0402X5R1C221M020BC

TDK Item Description : C0402X5R1C221MT****

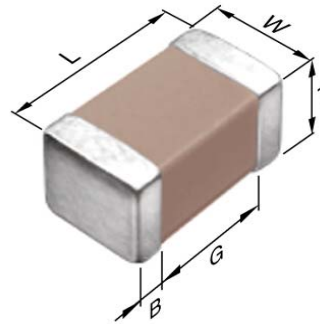


Application & Main Feature

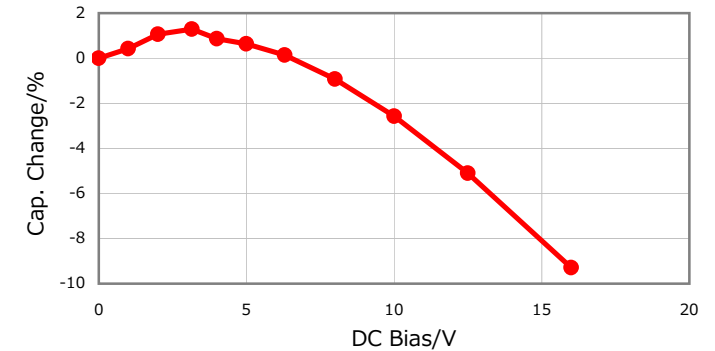
Commercial Grade (General (Up to 50V))

Series

C0402 [EIA CC01005]



DC Bias Characteristic



Dimensions

L 0.40mm +/-0.02mm
W 0.20mm +/-0.02mm
T 0.20mm +/-0.02mm
B 0.07mm Min.
G 0.14mm Min.

Temperature Characteristic

X5R (-55 to 85 degC +/-15%)

Rated Voltage

1C (16Vdc)

Capacitance

220pF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

5% Max.

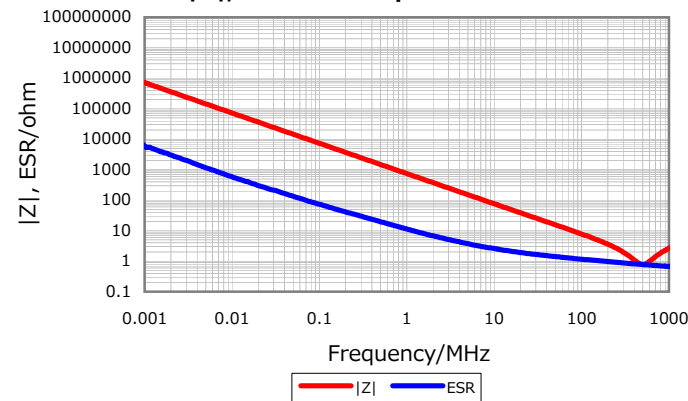
Insulation Resistance

10Gohm Min.

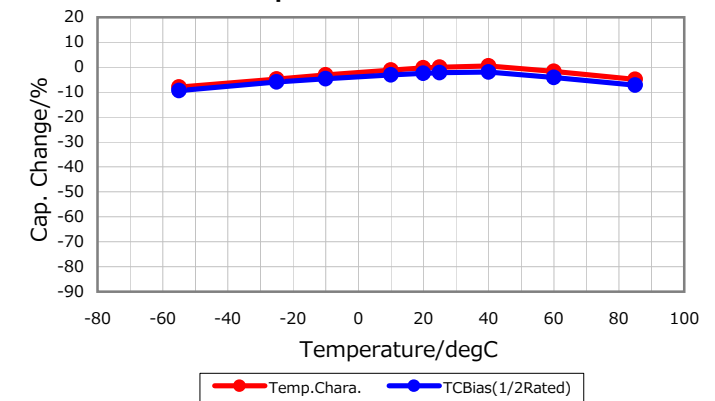
AEC-Q200

Not Applicable

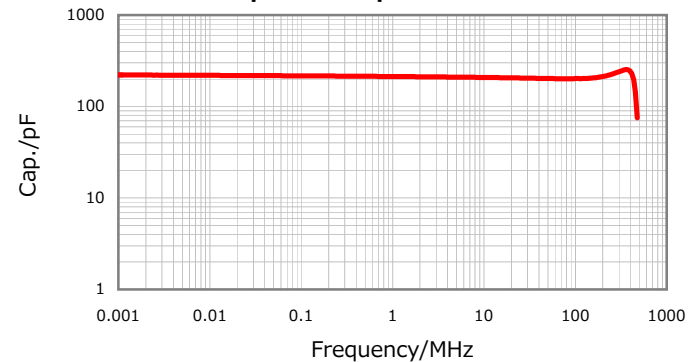
|Z|, ESR vs. Freq. Characteristics



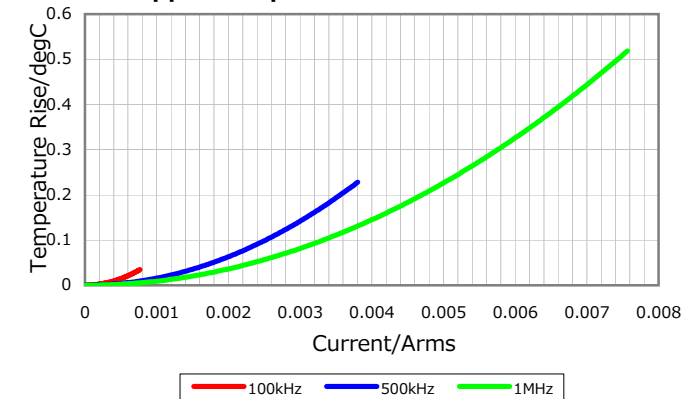
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

January 2, 2016