C1608X7R2A222M080AA

TDK Item Description : C1608X7R2A222MT****

Lead Free | Halogen Free | REACH | RoHS COMPLIANT

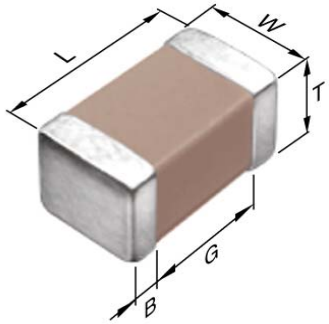
Characterization Sheet (Multilayer Ceramic Chip Capacitors)

Application & Main Feature

Commercial Grade (Mid Voltage (100 to 630V))

Series

C1608 [EIA CC0603]



Dimensions

L	1.60mm +/-0.1mm
W	0.80mm +/-0.1mm
T	0.80mm +/-0.1mm
B	0.20mm Min.
G	0.30mm Min.

Temperature Characteristic

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

Rated Voltage

2A (100Vdc)

Capacitance

2.2nF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

3% Max.

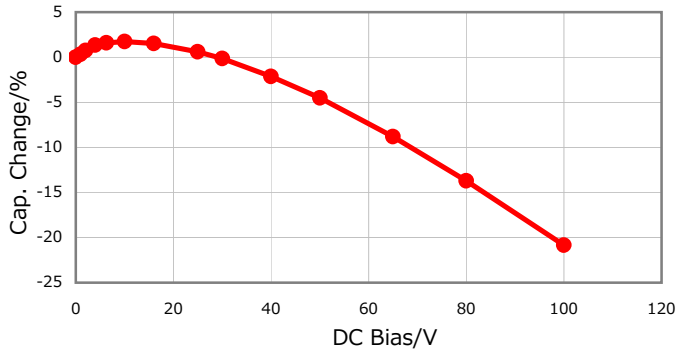
Insulation Resistance

10Gohm Min.

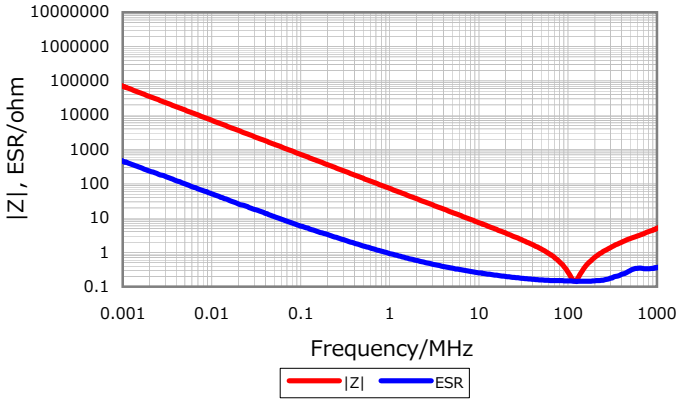
AEC-Q200

Not Applicable

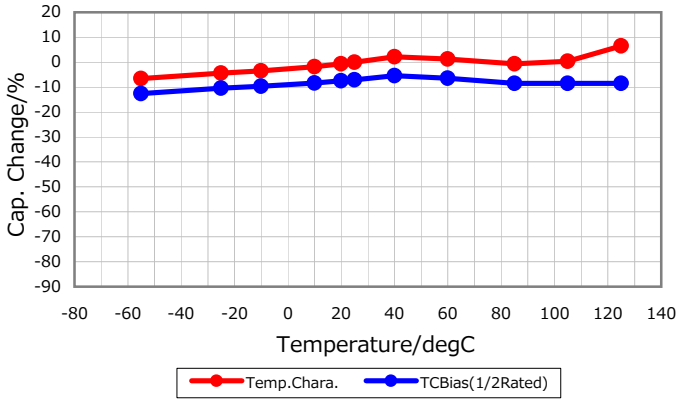
DC Bias Characteristic



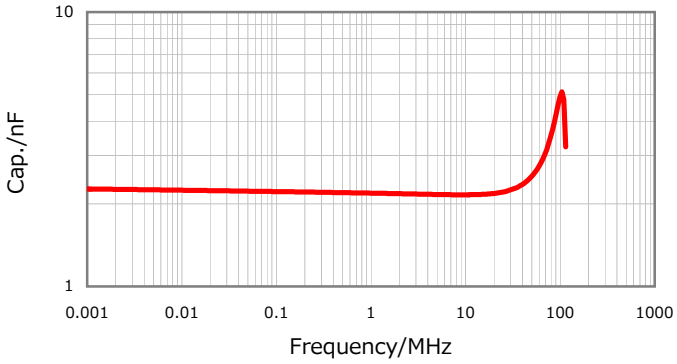
|Z|, ESR vs. Freq. Characteristics



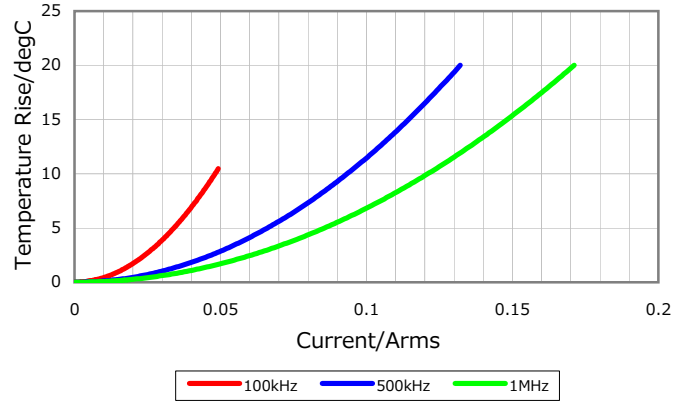
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



TDK

All specifications are subject to change without notice.

January 3, 2016

Downloaded from Arrow.com.