

CEU3E2X7R2A102M080AE

TDK Item Description : CEU3E2X7R2A102MT***S

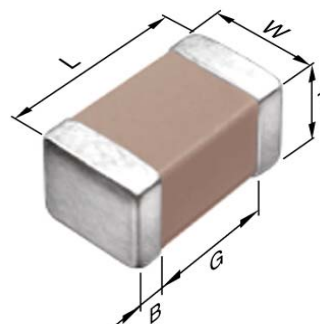


Application & Main Feature

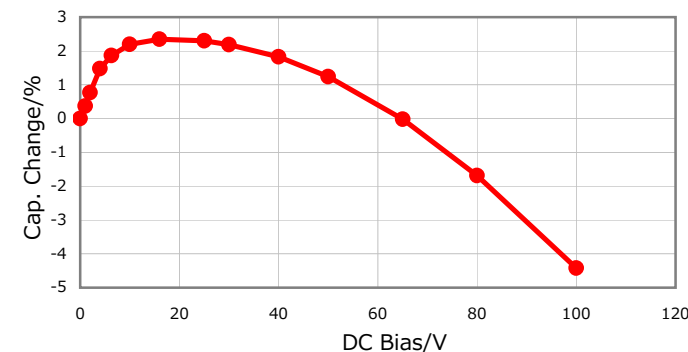
Automotive Grade (Serial Design)

Series

CEU3(1608) [EIA CC0603]



DC Bias Characteristic



Dimensions

L 1.60mm +0.2,-0.1mm
W 0.80mm +0.15,-0.1mm
T 0.80mm +0.15,-0.1mm
B 0.20mm Min.
G 0.30mm Min.

Temperature Characteristic

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

Rated Voltage

2A (100Vdc)

Capacitance

1nF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

3% Max.

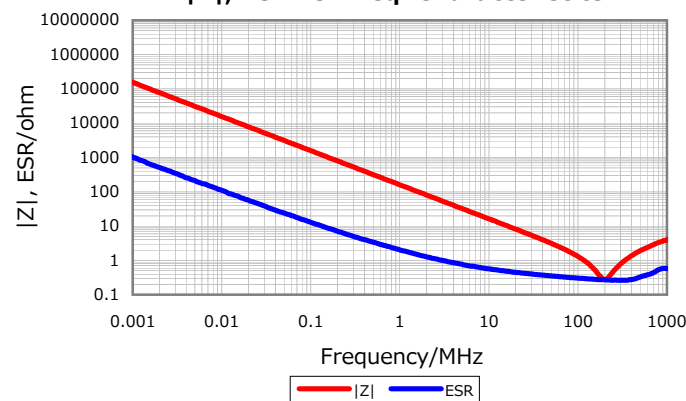
Insulation Resistance

10Gohm Min.

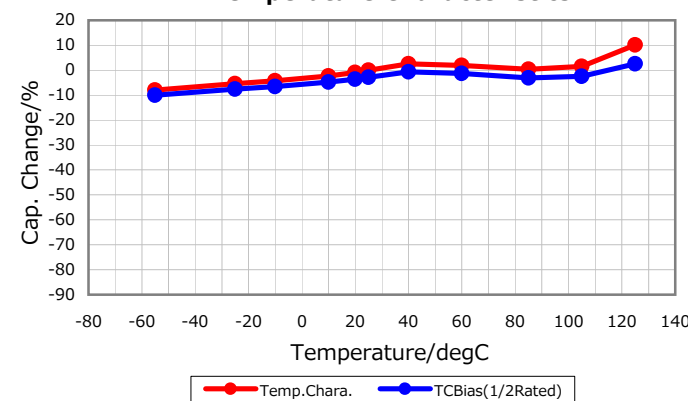
AEC-Q200

Yes

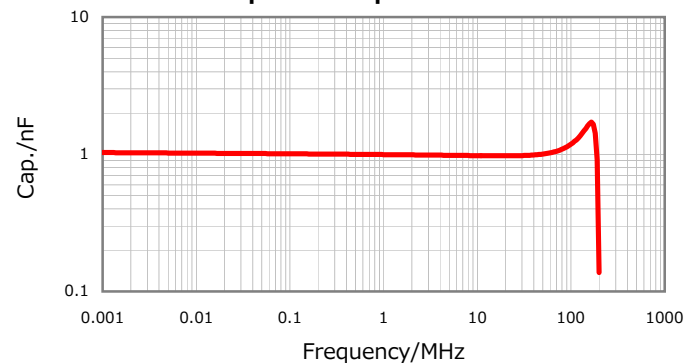
|Z|, ESR vs. Freq. Characteristics



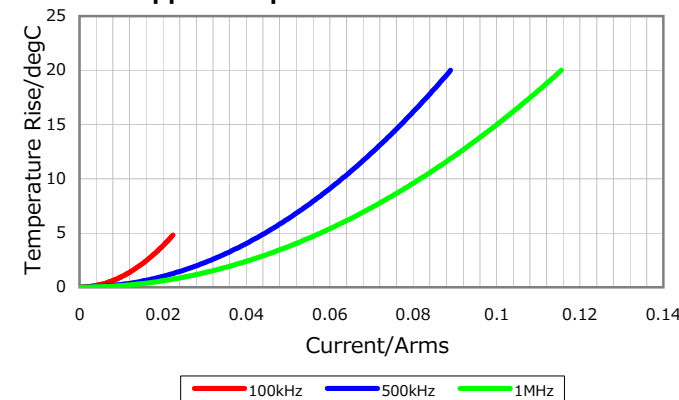
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

January 4, 2016