

CGA3E2X8R1H222M080AD

TDK Item Description : CGA3E2X8R1H222MT***B



Equivalent C1608X8R1H222M for Automotive

Application & Main Feature

Automotive Grade (Conductive Epoxy Application)

Series

CGA3(1608) [EIA CC0603]



Dimensions

L 1.60mm +/-0.15mm
 W 0.80mm +/-0.15mm
 T 0.80mm +/-0.15mm
 B 0.20mm Min.
 G 0.30mm Min.

Temperature Characteristic

X8R (-55 to 150 degC +/-15%)

Rated Voltage

1H (50Vdc)

Capacitance

2.2nF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

3% Max.

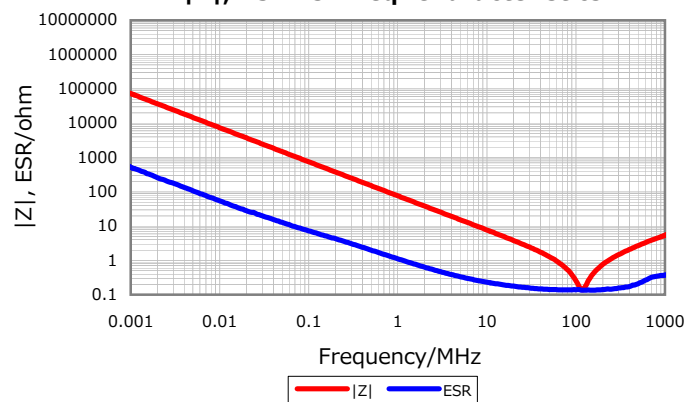
Insulation Resistance

10Gohm Min.

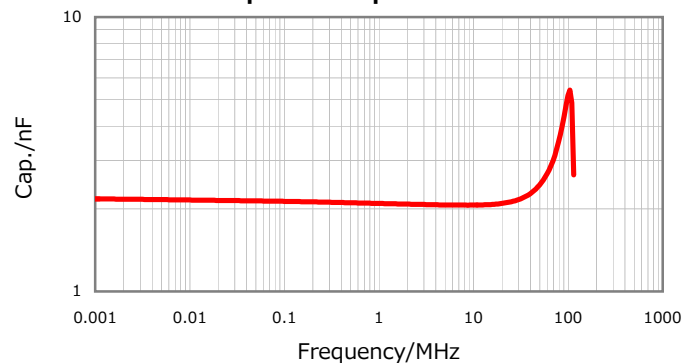
AEC-Q200

Yes

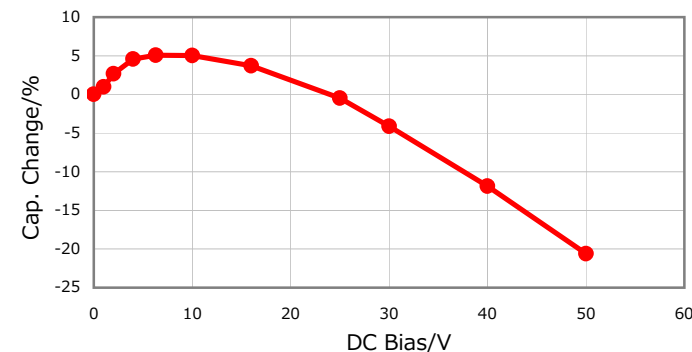
|Z|, ESR vs. Freq. Characteristics



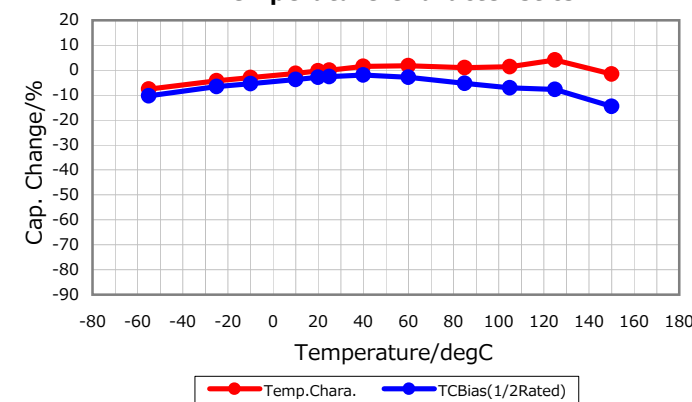
Cap. vs. Freq. Characteristic



DC Bias Characteristic



Temperature Characteristics



Ripple Temperature Rise Characteristics

