

CGA2B2X8R1H681M050BD

TDK Item Description : CGA2B2X8R1H681MT***B



Equivalent C1005X8R1H681M for Automotive

Application & Main Feature

Automotive Grade (Conductive Epoxy Application)

Series

CGA2(1005) [EIA CC0402]



Dimensions

- L 1.00mm +/-0.15mm
- W 0.50mm +/-0.1mm
- T 0.50mm +/-0.1mm
- B 0.10mm Min.
- G 0.30mm Min.

Temperature Characteristic

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

Rated Voltage

1H (50Vdc)

Capacitance

680pF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

3% Max.

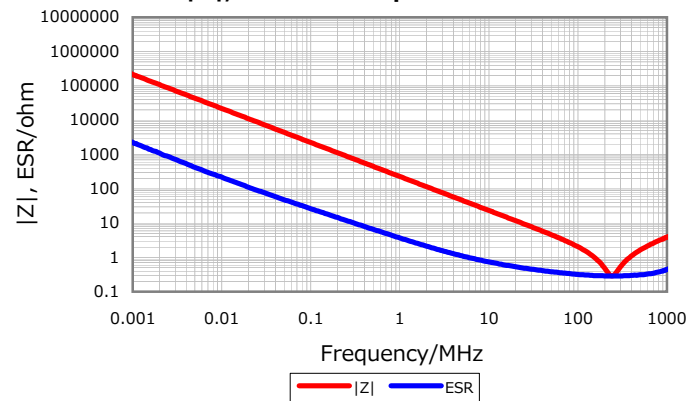
Insulation Resistance

10Gohm Min.

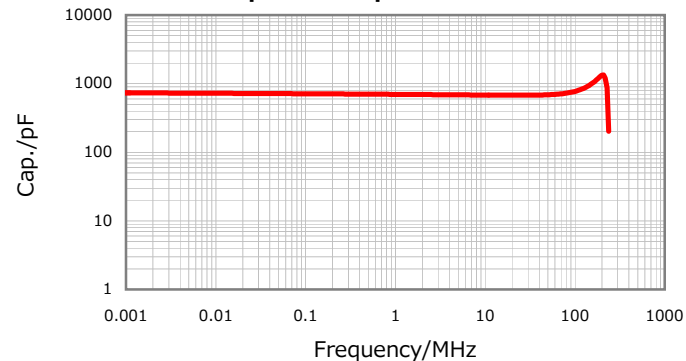
AEC-Q200

Yes

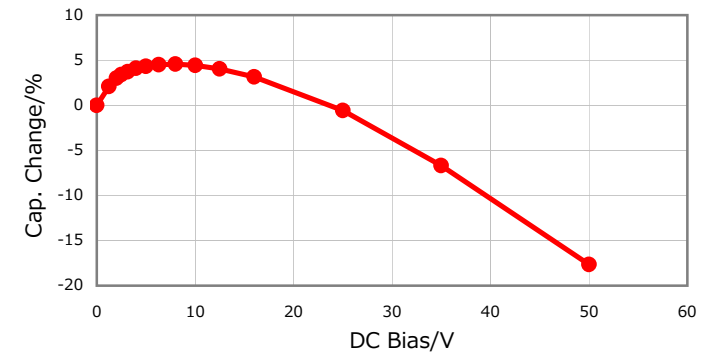
|Z|, ESR vs. Freq. Characteristics



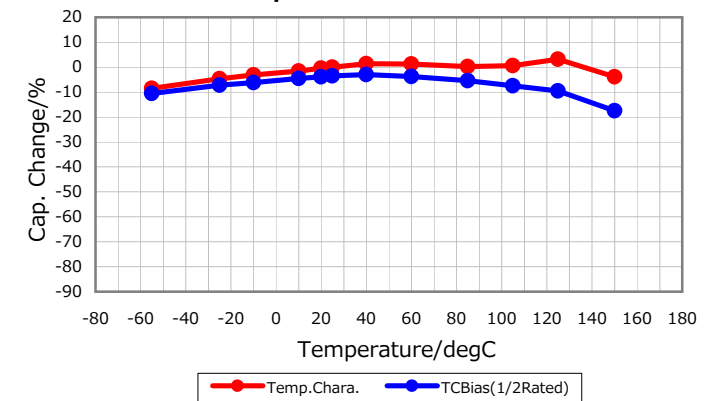
Cap. vs. Freq. Characteristic



DC Bias Characteristic



Temperature Characteristics



Ripple Temperature Rise Characteristics

