

CGA2B2X7R1C333M050BD

TDK Item Description : CGA2B2X7R1C333MT***B



Equivalent C1005X7R1C333M 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

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

Rated Voltage

1C (16Vdc)

Capacitance

33nF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

5% Max.

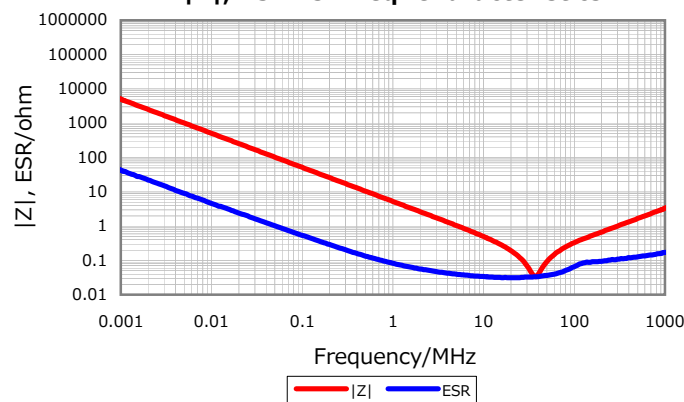
Insulation Resistance

3.03Gohm Min.

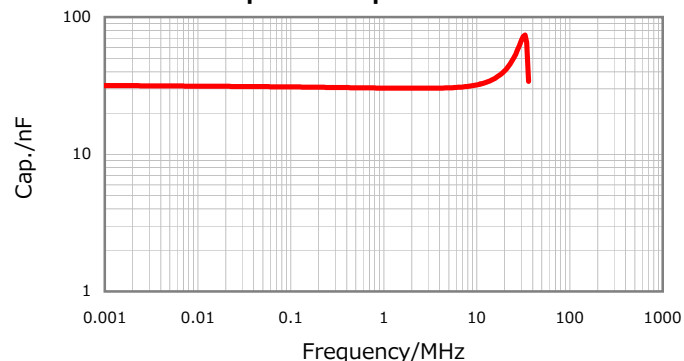
AEC-Q200

Yes

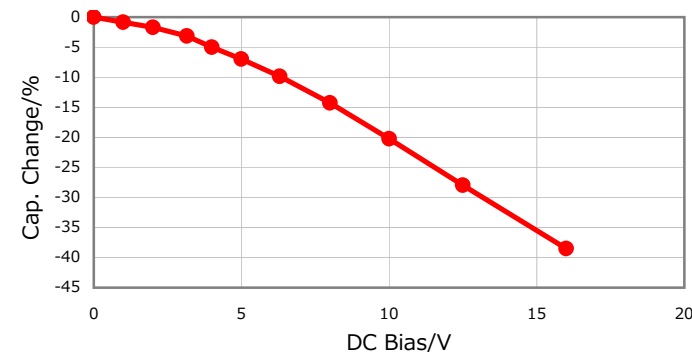
|Z|, ESR vs. Freq. Characteristics



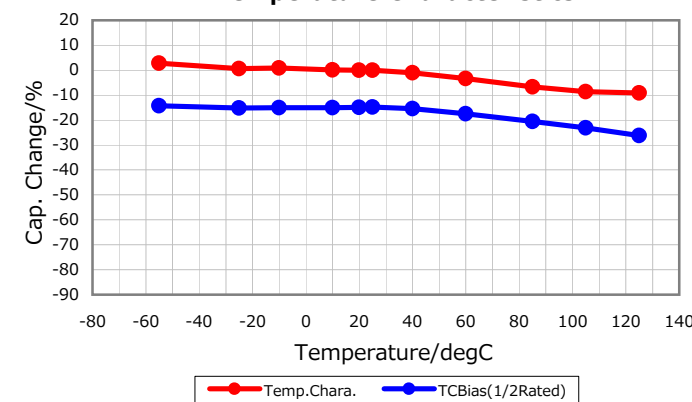
Cap. vs. Freq. Characteristic



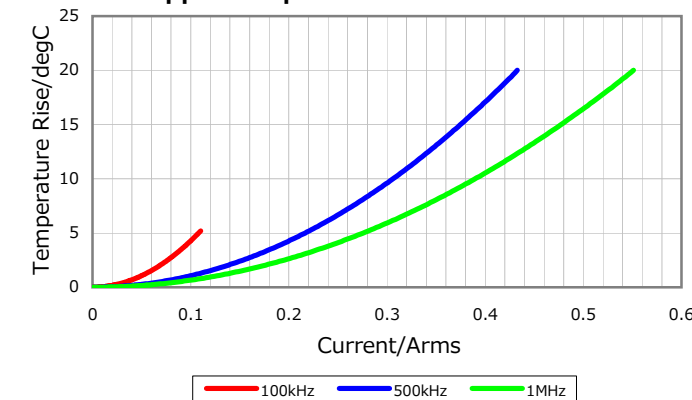
DC Bias Characteristic



Temperature Characteristics



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

January 4, 2016