

CGA2B2C0G1H100D050BD

TDK Item Description : CGA2B2C0G1H100DT***B



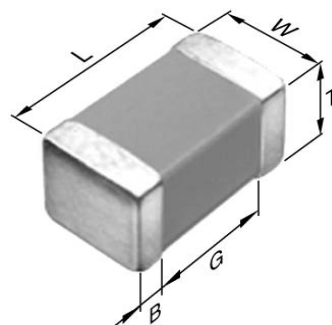
Equivalent C1005C0G1H100D for Automotive

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

C0G (-55 to 125 degC 0+/-30ppm/degC)

Rated Voltage

1H (50Vdc)

Capacitance

10pF

Capacitance Tolerance

D (+/-0.5pF)

O Factor

600 Min.

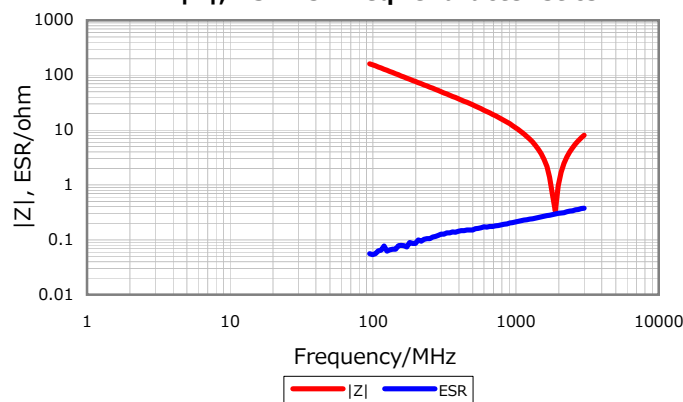
Insulation Resistance

10Gohm Min.

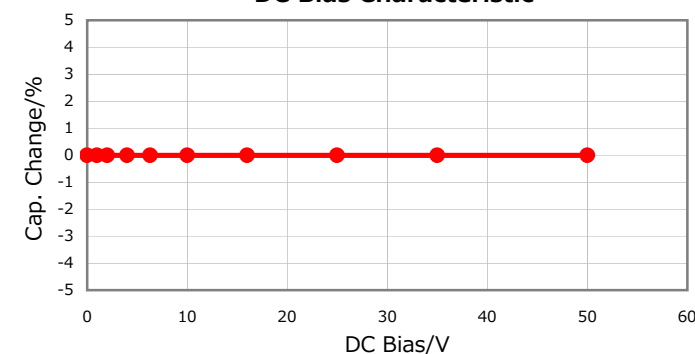
AEC-Q200

Yes

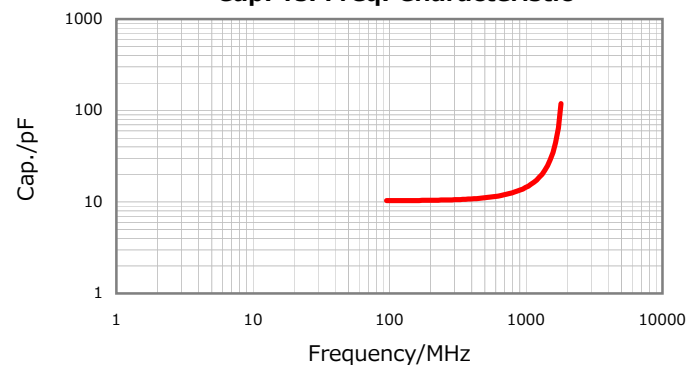
|Z|, ESR vs. Freq. Characteristics



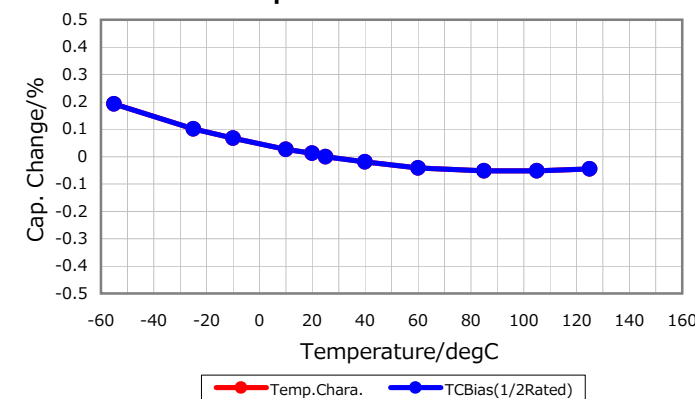
DC Bias Characteristic



Cap. vs. Freq. Characteristic



Temperature Characteristic



Mouser Electronics

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