

CGA2B2NP01H070D050BA

TDK Item Description : CGA2B2NP01H070DT****



Equivalent C1005NP01H070D for Automotive

Application & Main Feature

Automotive Grade (High Temperature Application)

Series

CGA2(1005) [EIA CC0402]



Dimensions

L 1.00mm +/-0.05mm
W 0.50mm +/-0.05mm
T 0.50mm +/-0.05mm
B 0.10mm Min.
G 0.30mm Min.

Temperature Characteristic

NP0 (-55 to 150 degC 0+/-30ppm/degC)

Rated Voltage

1H (50Vdc)

Capacitance

7pF

Capacitance Tolerance

D (+/-0.5pF)

Q Factor

540 Min.

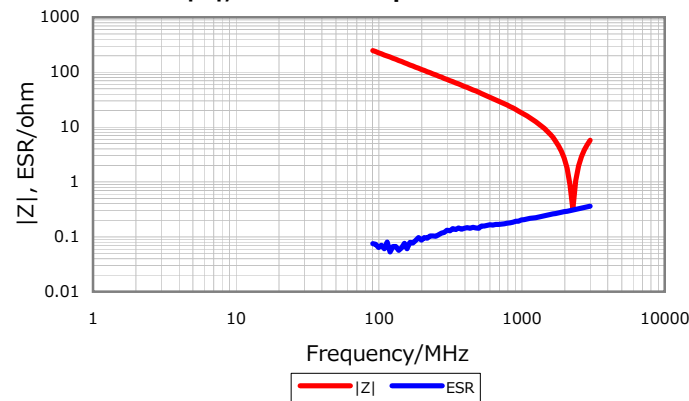
Insulation Resistance

10Gohm Min.

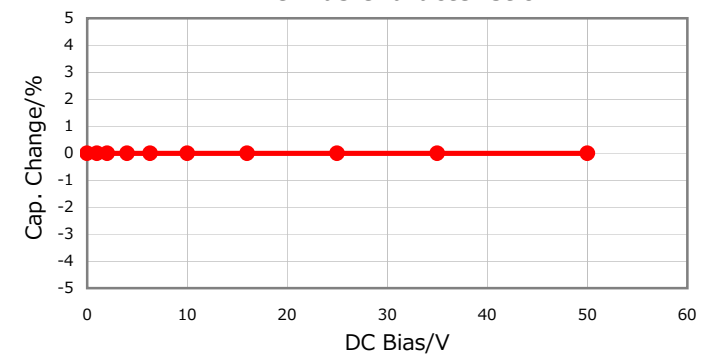
AEC-Q200

Yes

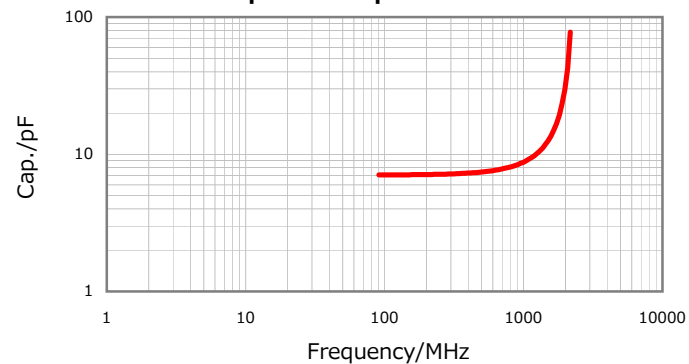
|Z|, ESR vs. Freq. Characteristics



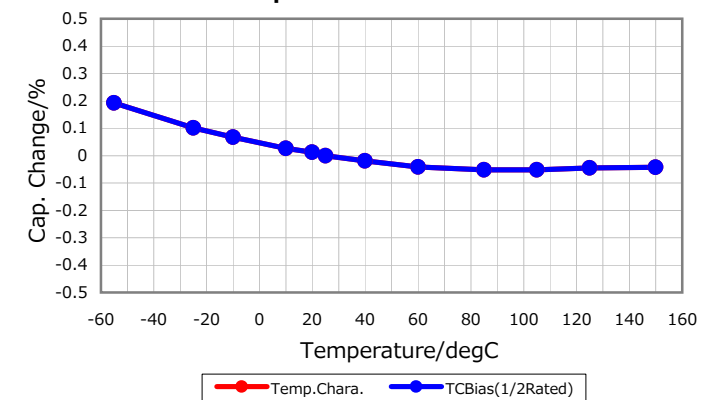
DC Bias Characteristic



Cap. vs. Freq. Characteristic



Temperature Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

January 4, 2016