CGA2B2NP01H1R5C050BA

TDK Item Description : CGA2B2NP01H1R5CT****

Lead Free | Halogen Free | REACH | RoHS COMPLIANT

Equivalent C1005NP01H1R5C for Automotive

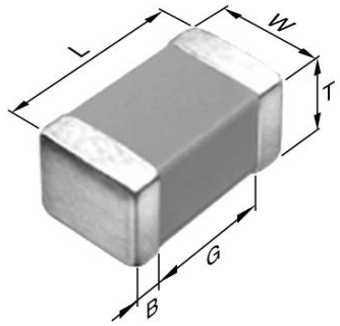
Characterization Sheet (Multilayer Ceramic Chip Capacitors)

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

1.5pF

Capacitance Tolerance

C (+/-0.25pF)

Q Factor

430 Min.

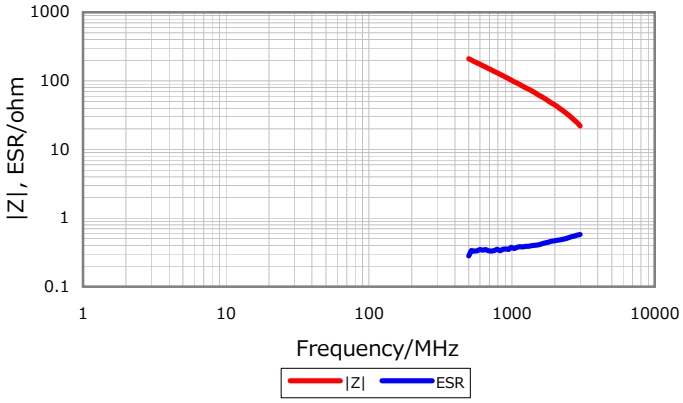
Insulation Resistance

10Gohm Min.

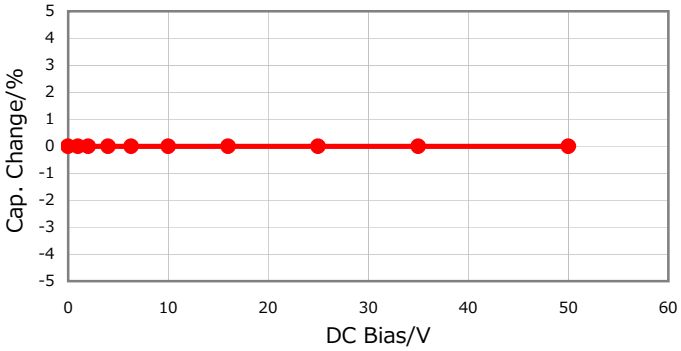
AEC-Q200

Yes

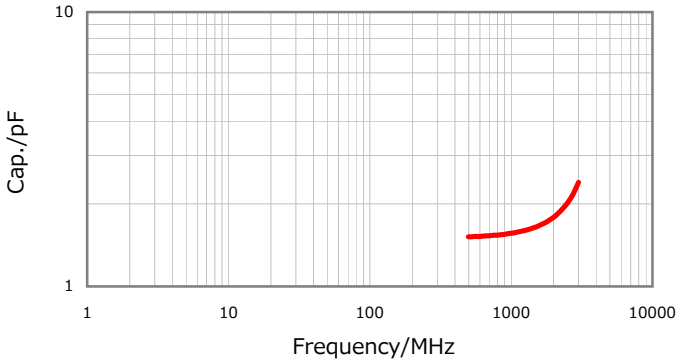
|Z|, ESR vs. Freq. Characteristics



DC Bias Characteristic



Cap. vs. Freq. Characteristic



Temperature Characteristics

