

CGA3E2NP02A050C080AA

TDK Item Description : CGA3E2NP02A050CT***



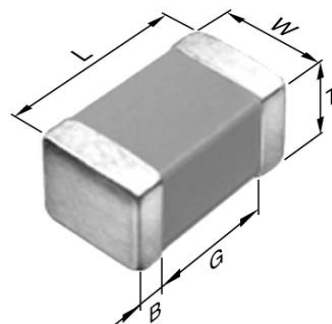
Equivalent C1608NP02A050C for Automotive

Application & Main Feature

Automotive Grade (High Temperature Application)

Series

CGA3(1608) [EIA CC0603]



Dimensions

L 1.60mm +/-0.1mm
W 0.80mm +/-0.1mm
T 0.80mm +/-0.1mm
B 0.20mm Min.
G 0.30mm Min.

Temperature Characteristic

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

Rated Voltage

2A (100Vdc)

Capacitance

5pF

Capacitance Tolerance

C (+/-0.25pF)

O Factor

500 Min.

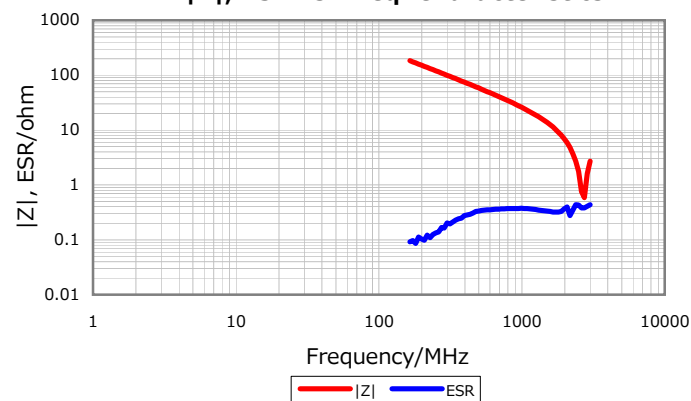
Insulation Resistance

10Gohm Min.

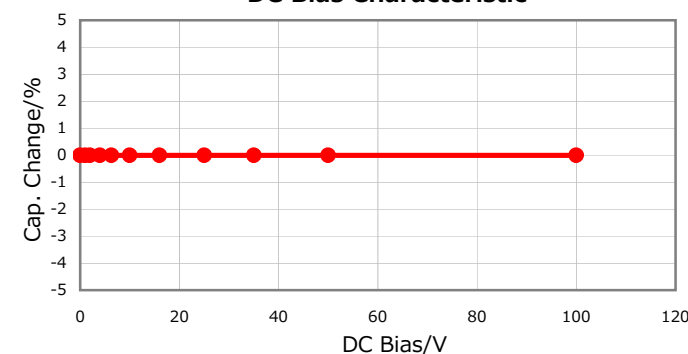
AEC-Q200

Yes

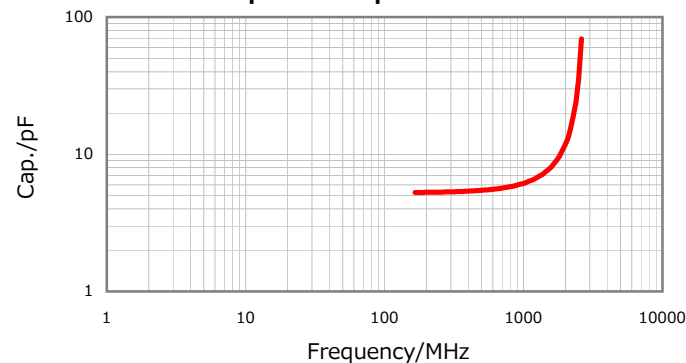
$|Z|$, ESR vs. Freq. Characteristics



DC Bias Characteristic



Cap. vs. Freq. Characteristic



Temperature Characteristics

