

CGA4C2NP01H103J060AA

TDK Item Description : CGA4C2NP01H103JT****



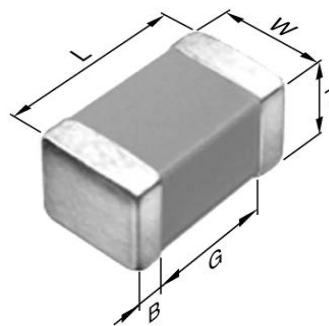
Equivalent C2012NP01H103J for Automotive

Application & Main Feature

Automotive Grade (High Temperature Application)

Series

CGA4(2012) [EIA 0805]



Dimensions

L	2.00mm ±0.20mm
W	1.25mm ±0.20mm
T	0.60mm ±0.15mm
B	0.20mm Min.
G	0.50mm Min.

Temperature Characteristic

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

Rated Voltage

1H(50Vdc)

Capacitance

10nF

Capacitance Tolerance

J (±5%)

Q Factor

1000 Min.

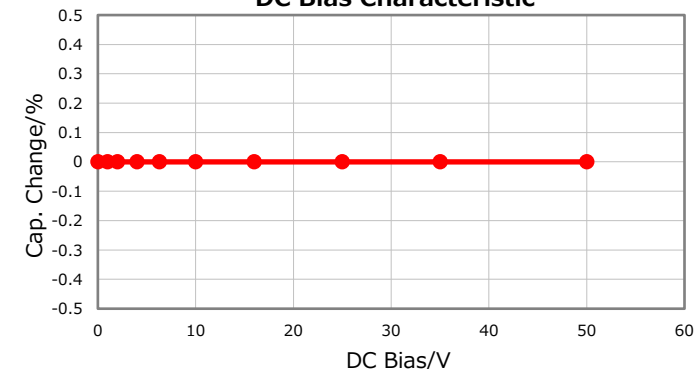
Insulation Resistance

10Gohm Min

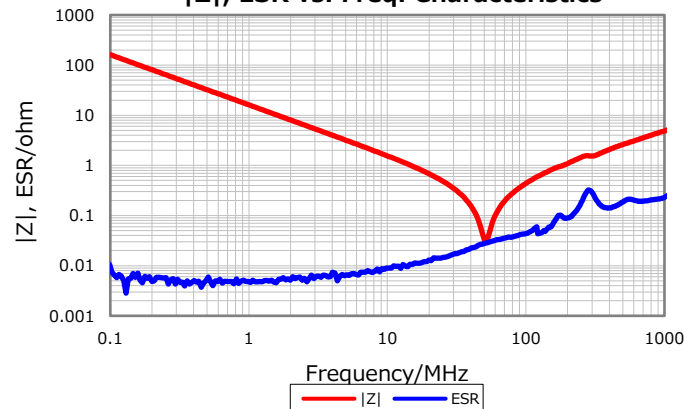
AEC-Q200

Yes

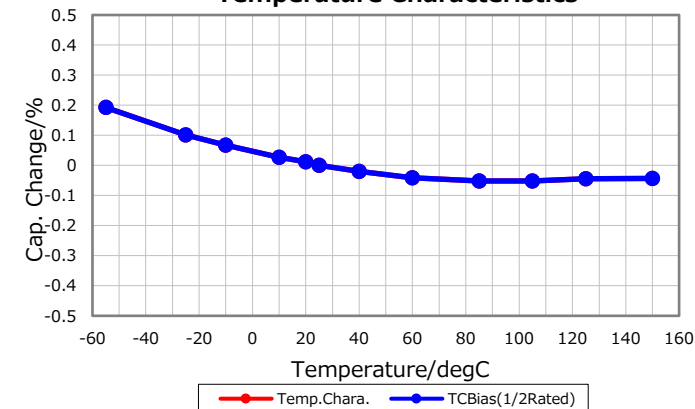
DC Bias Characteristic



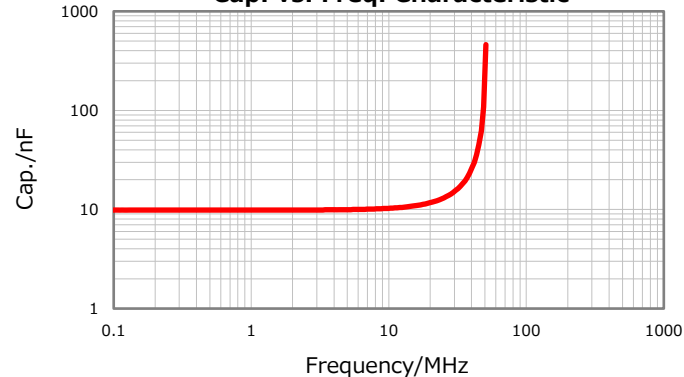
|Z|, ESR vs. Freq. Characteristics



Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics

