CGA3E2NP01H152J080AA

TDK Item Description : CGA3E2NP01H152JT****

Lead Free | Halogen Free | REACH | RoHS COMPLIANT

Equivalent C1608NP01H152J for Automotive

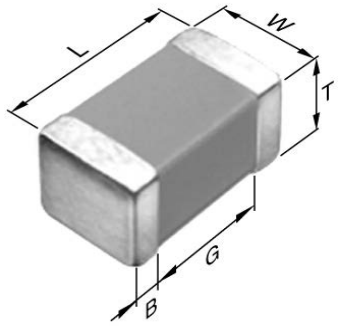
Characterization Sheet (Multilayer Ceramic Chip Capacitors)

Application & Main Feature

Automotive Grade (High Temperature Application)

Series

CGA3(1608) [EIA 0603]



Dimensions

L	1.60mm ±0.10mm
W	0.80mm ±0.10mm
T	0.80mm ±0.10mm
B	0.20mm Min.
G	0.30mm Min.

Temperature Characteristic

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

Rated Voltage

1H(50Vdc)

Capacitance

1.5nF

Capacitance Tolerance

J (±5%)

Q Factor

1000 Min.

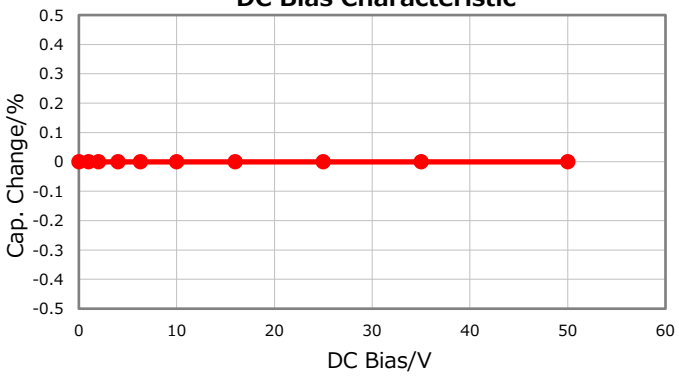
Insulation Resistance

10Gohm Min

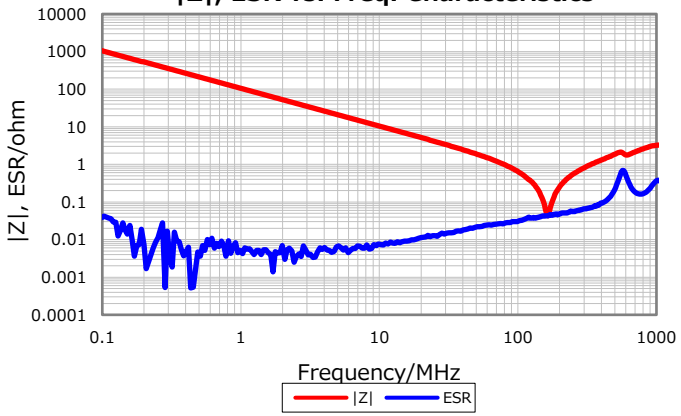
AEC-Q200

Yes

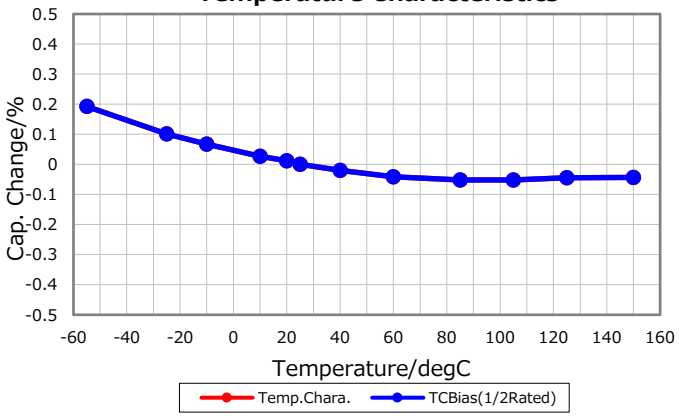
DC Bias Characteristic



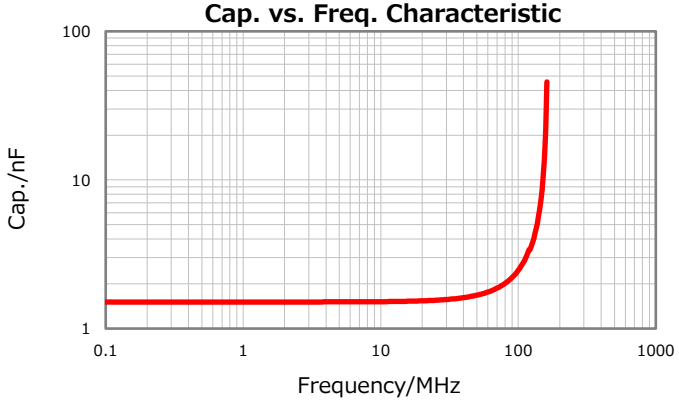
|Z|, ESR vs. Freq. Characteristics



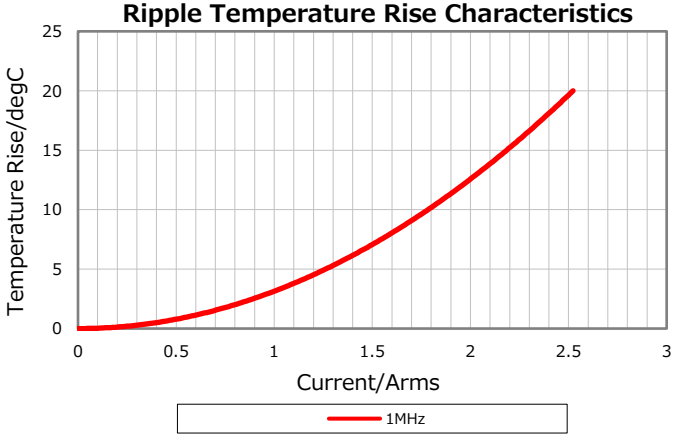
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



TDK

All specifications are subject to change without notice.

May 22, 2019