

CGA5L3C0G2E223J160AA

TDK Item Description : CGA5L3C0G2E223JT***



Equivalent C3216C0G2E223J for Automotive

Application & Main Feature

Automotive Grade (Mid Voltage (100 to 630V))

Series

CGA5(3216) [EIA 1206]



Dimensions

| | |
|---|--------------------|
| L | 3.20mm +0.3,-0.1mm |
| W | 1.60mm +0.3,-0.1mm |
| T | 1.60mm +0.3,-0.1mm |
| B | 0.20mm Min. |
| G | 1.00mm Min. |

Temperature Characteristic

C0G (-55 to 125 degC 0+/-30ppm/degC)

Rated Voltage

2E(250Vdc)

Capacitance

22nF

Capacitance Tolerance

J (±5%)

Q Factor

1000 Min.

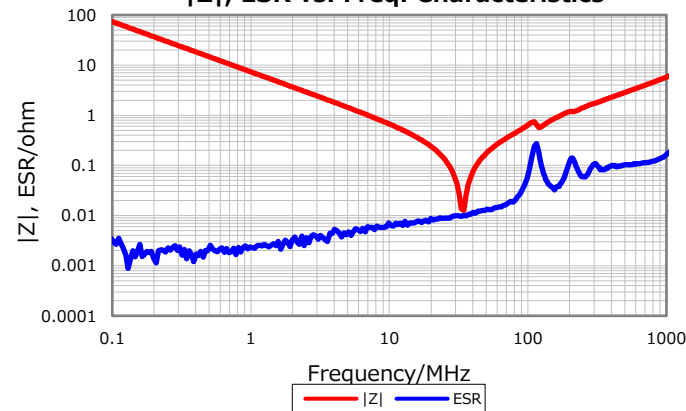
Insulation Resistance

10Gohm Min

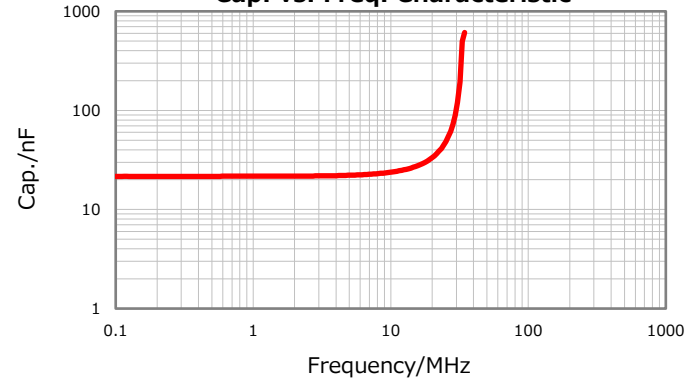
AEC-Q200

Yes

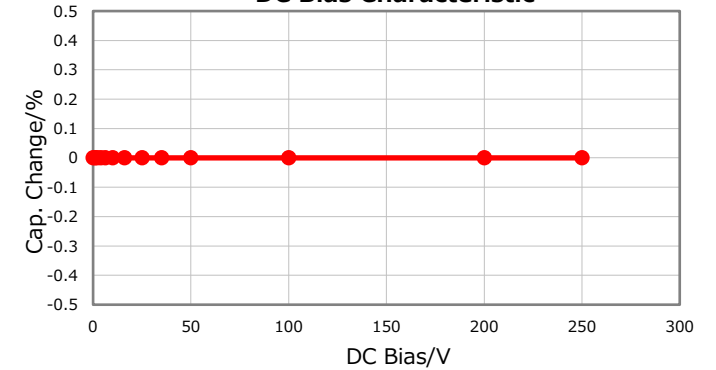
|Z|, ESR vs. Freq. Characteristics



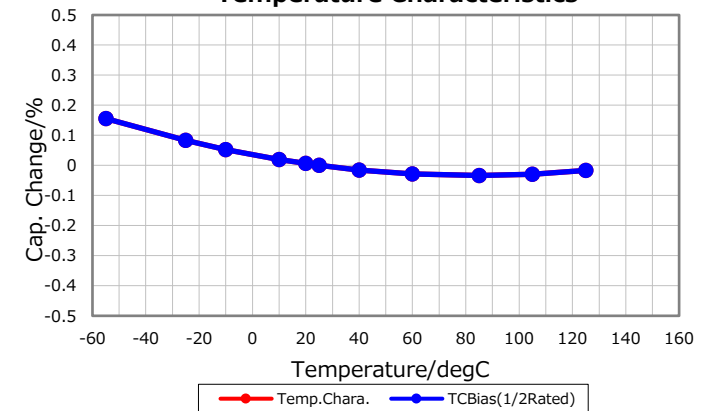
Cap. vs. Freq. Characteristic



DC Bias Characteristic



Temperature Characteristics



Ripple Temperature Rise Characteristics

