

Application & Main Feature

Commercial Grade (Soft Termination)

Series

C3216 [EIA 1206]



Dimensions

| | |
|---|--------------------|
| L | 3.20mm +0.4,-0.2mm |
| W | 1.60mm +0.3,-0.2mm |
| T | 1.15mm ±0.15mm |
| B | 0.20mm Min. |
| G | 1.00mm Min. |

Temperature Characteristic

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

Rated Voltage

1H(50Vdc)

Capacitance

47nF

Capacitance Tolerance

J (±5%)

Q Factor

1000 Min.

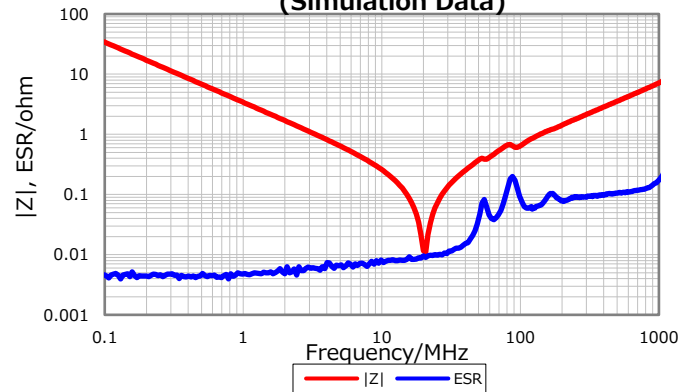
Insulation Resistance

10Gohm Min

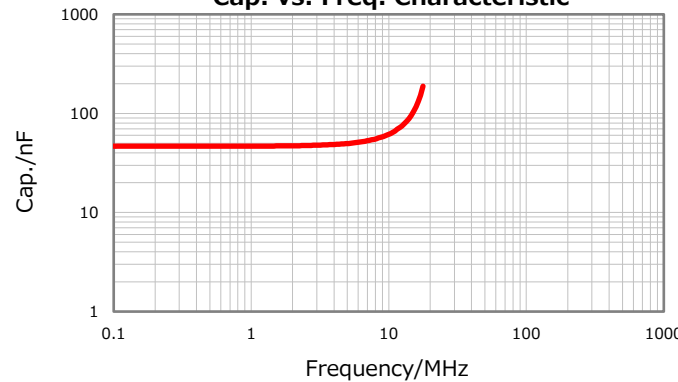
AEC-Q200

Not Applicable

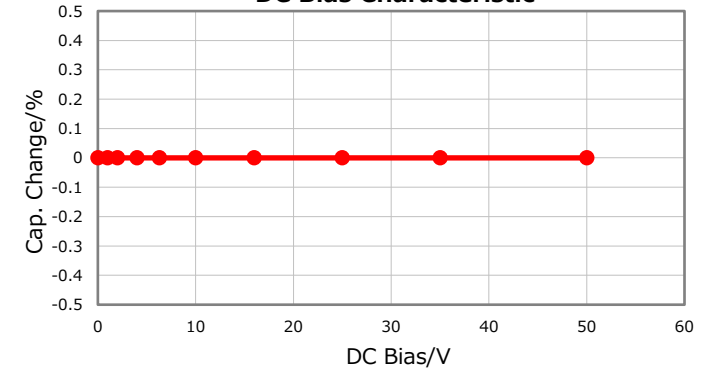
|Z|, ESR vs. Freq. Characteristics (Simulation Data)



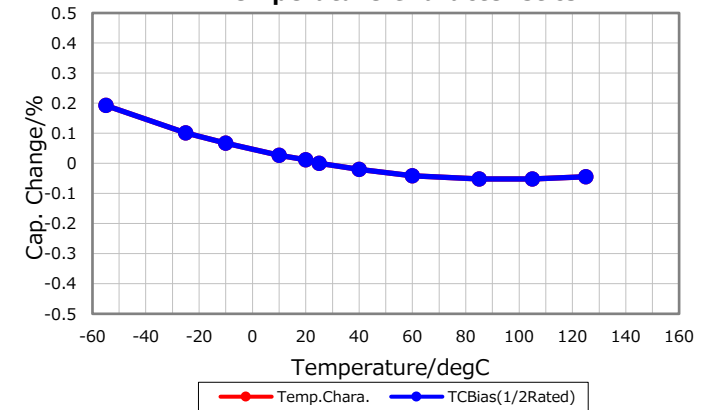
Cap. vs. Freq. Characteristic



DC Bias Characteristic



Temperature Characteristics



Ripple Temperature Rise Characteristics

