

C1608C0G1H182J080AA

TDK Item Description : C1608C0G1H182JT****

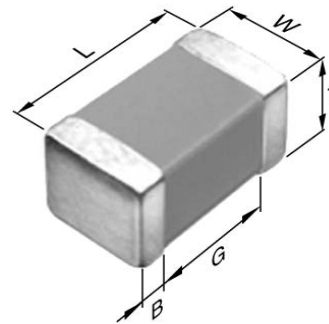


Application & Main Feature

Commercial Grade (General (Up to 50V))

Series

C1608 [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

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

Rated Voltage

1H (50Vdc)

Capacitance

1.8nF

Capacitance Tolerance

J (+/-5%)

O Factor

1000 Min.

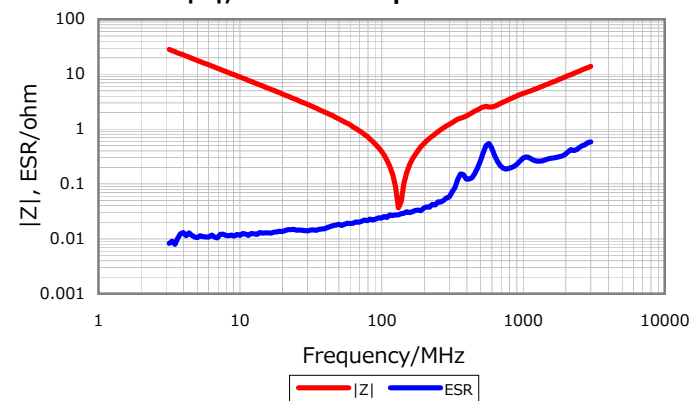
Insulation Resistance

10Gohm Min.

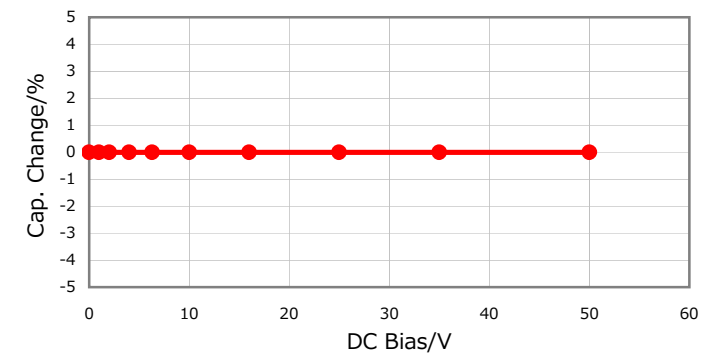
AEC-Q200

Not Applicable

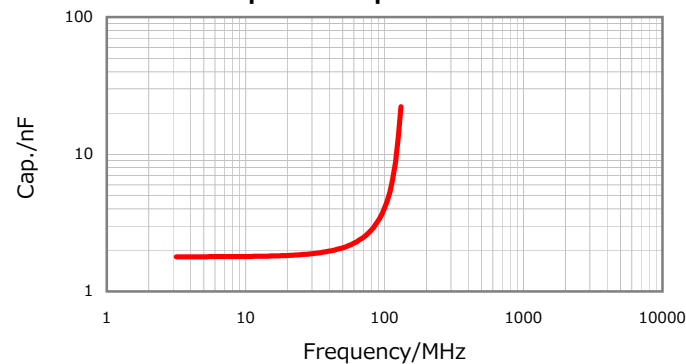
|Z|, ESR vs. Freq. Characteristics



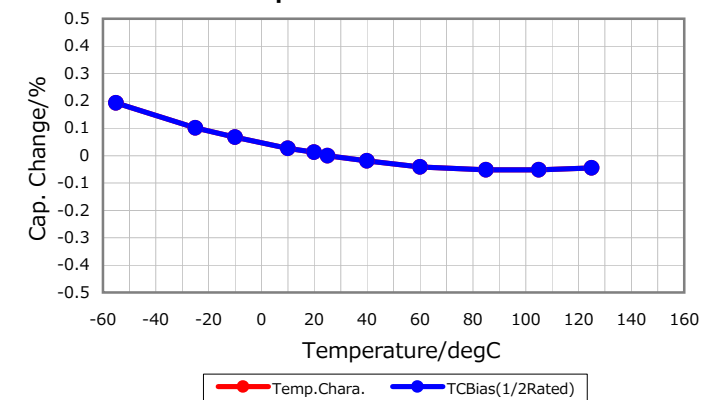
DC Bias Characteristic



Cap. vs. Freq. Characteristic



Temperature Characteristic



All specifications are subject to change without notice.

February 3, 2014