

CGA8L1C0G3F181K160KA

TDK Item Description : CGA8L1C0G3F181KT****



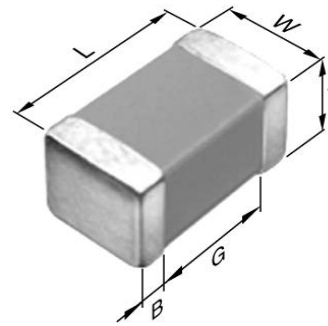
Equivalent C4532C0G3F181K for Automotive

Application & Main Feature

Automotive Grade (High Voltage (1000V and over))

Series

CGA8(4532) [EIA CC1812]



Dimensions

L 4.50mm +/-0.4mm
W 3.20mm +/-0.4mm
T 1.60mm +/-0.2mm
B 0.20mm Min.
G

Temperature Characteristic

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

Rated Voltage

3F (3000Vdc)

Capacitance

180pF

Capacitance Tolerance

K (+/-10%)

Q Factor

1000 Min.

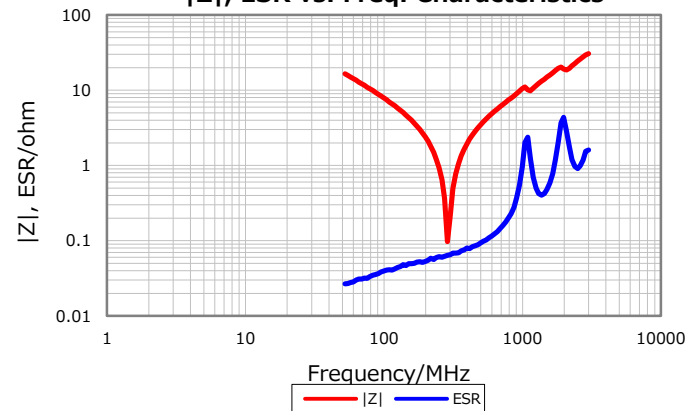
Insulation Resistance

10Gohm Min.

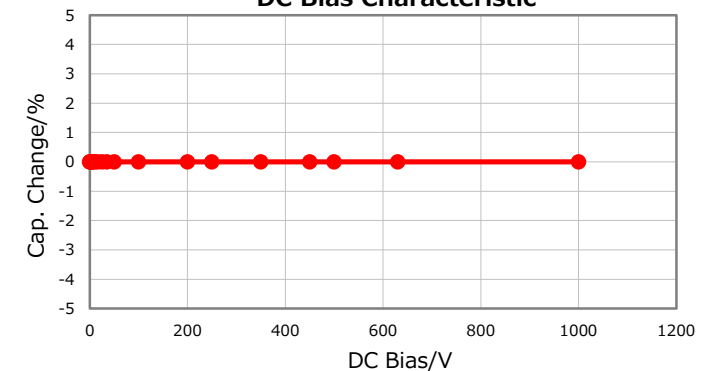
AEC-Q200

Yes

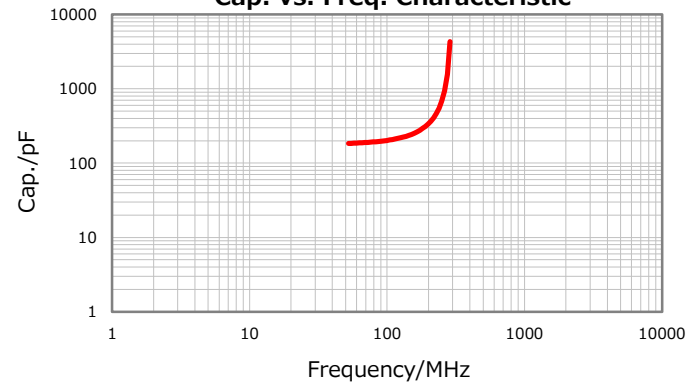
|Z|, ESR vs. Freq. Characteristics



DC Bias Characteristic



Cap. vs. Freq. Characteristic



Temperature Characteristics

