

CGA3E2C0G1H090D080AD

TDK Item Description : CGA3E2C0G1H090DT***B

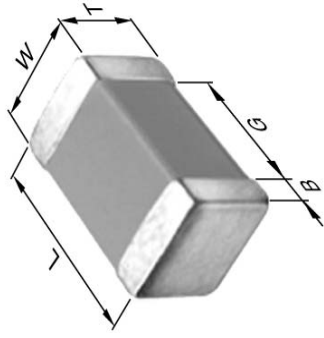
Equivalent C1608C0G1H090D for Automotive

Application & Main Feature

Automotive Grade (Conductive Epoxy Application)

Series

CGA3(1608) [EIA CC0603]



Dimensions

L	1.60mm	+/-0.15mm
W	0.80mm	+/-0.15mm
T	0.80mm	+/-0.15mm
B	0.20mm	Min.
G	0.30mm	Min.

Temperature Characteristic

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

Rated Voltage

1H (50Vdc)

Capacitance

9pF

Capacitance Tolerance

D (+/-0.5pF)

Q Factor

580 Min.

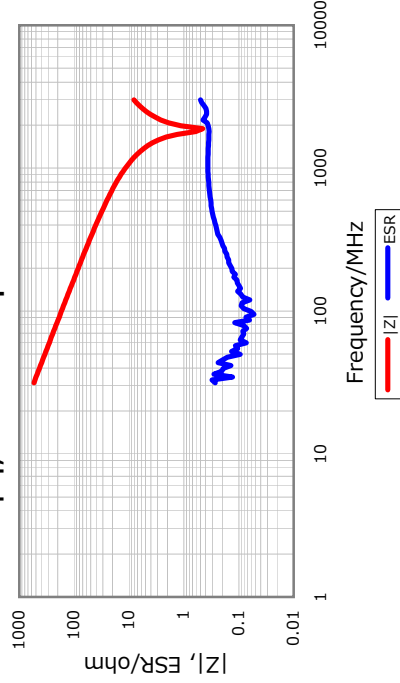
Insulation Resistance

10Gohm Min.

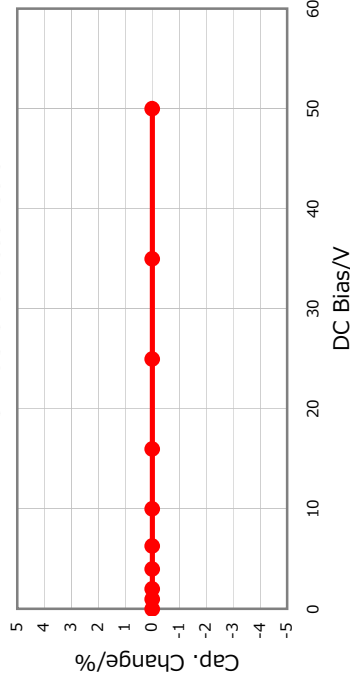
AEC-Q200

Yes

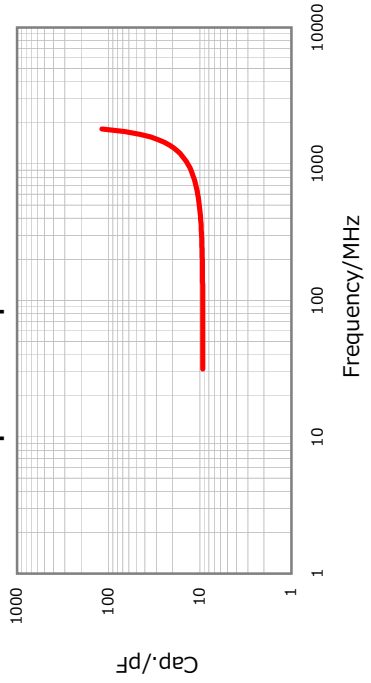
|Z|, ESR vs. Freq. Characteristics



DC Bias Characteristic



Cap. vs. Freq. Characteristic



Temperature Characteristics

