

CGA3E3X8R1C474M080AE

TDK Item Description : CGA3E3X8R1C474MT***S



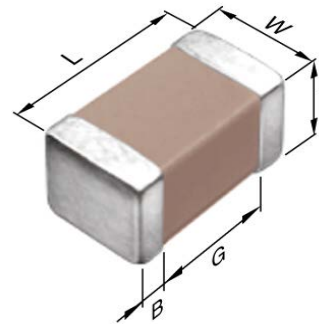
Equivalent C1608X8R1C474M for Automotive

Application & Main Feature

Automotive Grade (Soft Termination)

Series

CGA3(1608) [EIA 0603]



Dimensions

L	1.60mm +0.2,-0.1mm
W	0.80mm +0.15,-0.1mm
T	0.80mm +0.15,-0.1mm
B	0.20mm Min.
G	0.30mm Min.

Temperature Characteristic

X8R (-55 to 150 degC ±15%)

Rated Voltage

1C (16Vdc)

Capacitance

470nF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

5% Max.

Insulation Resistance

212Mohm Min.

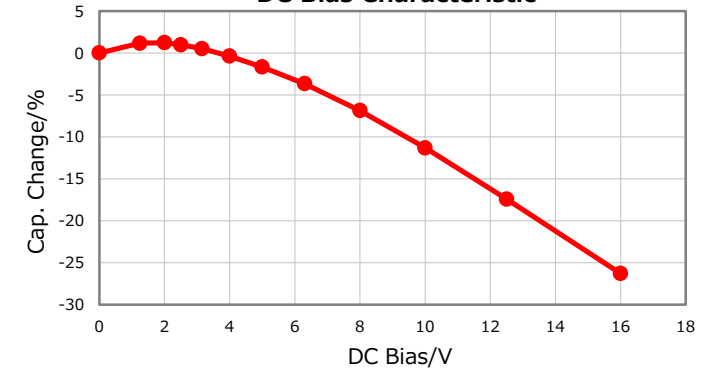
AEC-Q200

Yes

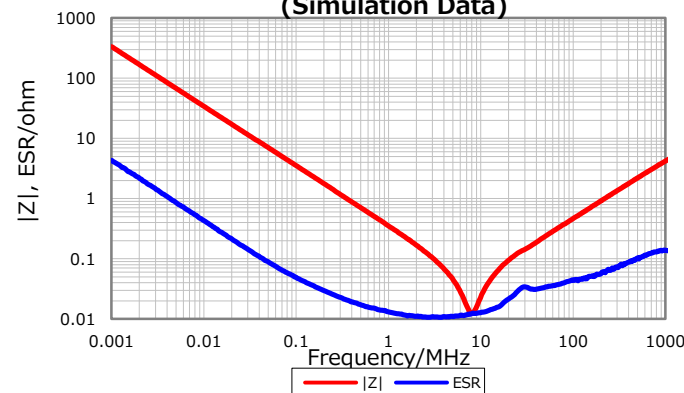


All specifications are subject to change without notice.

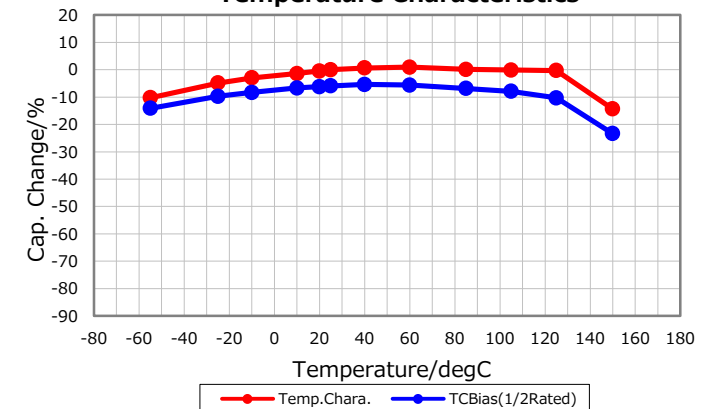
DC Bias Characteristic



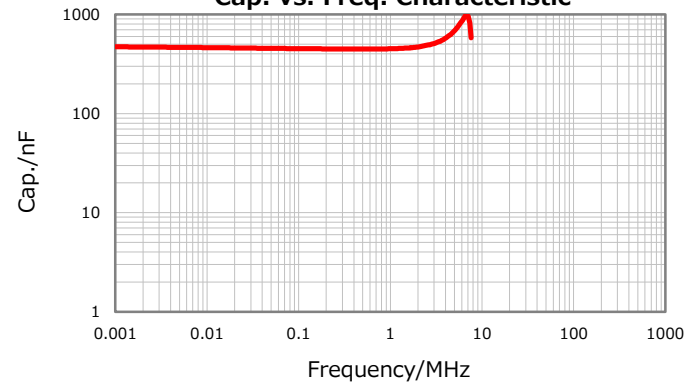
|Z|, ESR vs. Freq. Characteristics (Simulation Data)



Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics

