

CGA3E2X7R1H473K080AD

TDK Item Description : CGA3E2X7R1H473KT***B



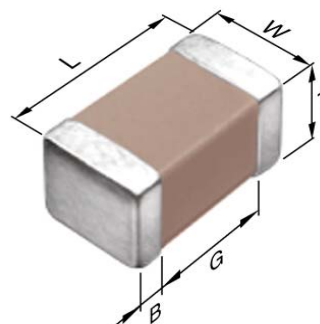
Equivalent C1608X7R1H473K for Automotive

Application & Main Feature

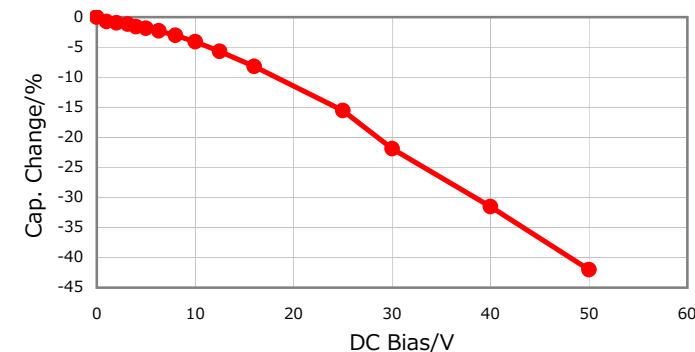
Automotive Grade (Conductive Epoxy Application)

Series

CGA3(1608) [EIA CC0603]



DC Bias Characteristic



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

X7R (-55 to 125 degC +/-15%)

Rated Voltage

1H (50Vdc)

Capacitance

47nF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

3% Max.

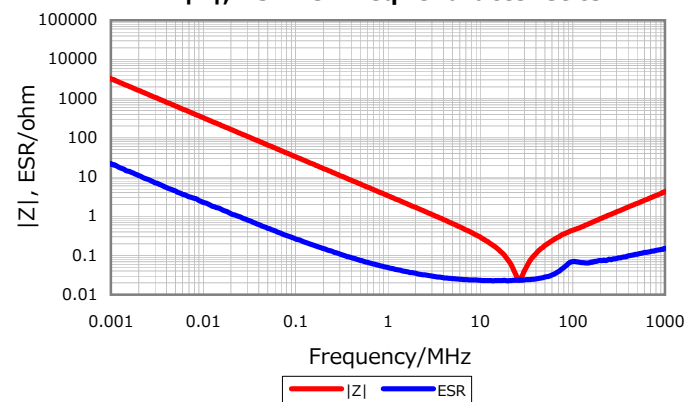
Insulation Resistance

10Gohm Min.

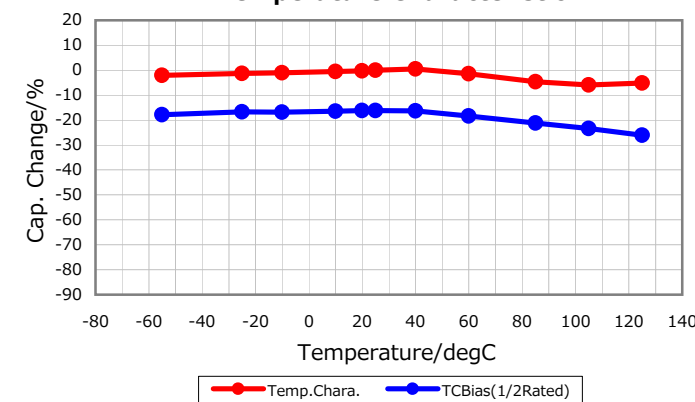
AEC-Q200

Yes

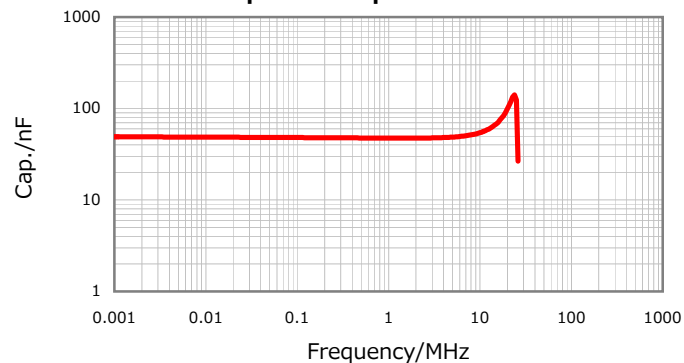
|Z|, ESR vs. Freq. Characteristics



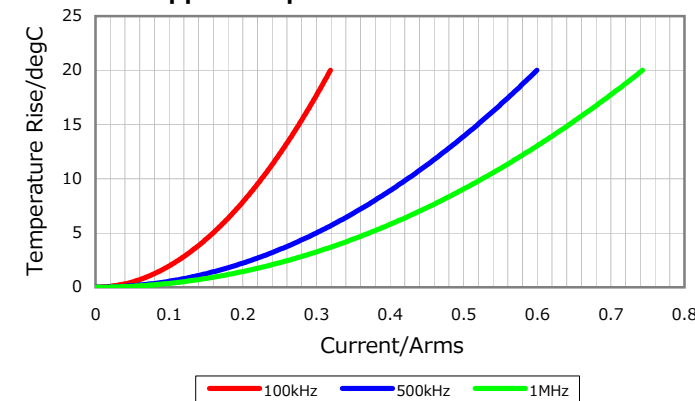
Temperature Characteristic



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristic



All specifications are subject to change without notice.

September 28, 2013

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

TDK:

[CGA3E2X7R1H473K080AD](#)