

CGA2B1X5R1C224K050BC

TDK Item Description : CGA2B1X5R1C224KT****



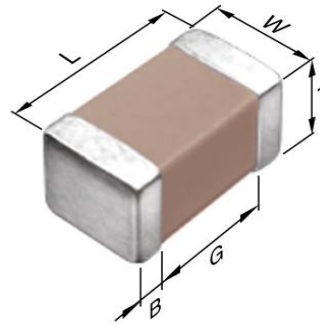
Equivalent C1005X5R1C224K for Automotive

Application & Main Feature

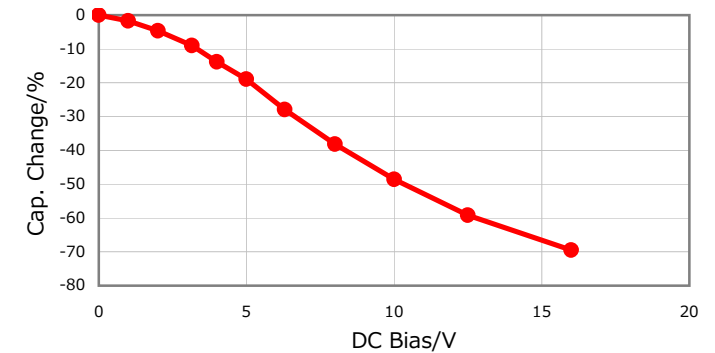
Automotive Grade (General (Up to 50V))

Series

CGA2(1005) [EIA CC0402]



DC Bias Characteristic



Dimensions

L 1.00mm +/-0.05mm
W 0.50mm +/-0.05mm
T 0.50mm +/-0.05mm
B 0.10mm Min.
G 0.30mm Min.

Temperature Characteristic

X5R (-55 to 85 degC +/-15%)

Rated Voltage

1C (16Vdc)

Capacitance

220nF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

10% Max.

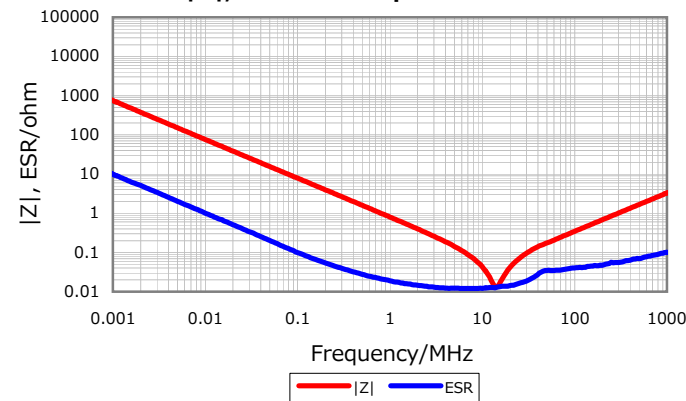
Insulation Resistance

454Mohm Min.

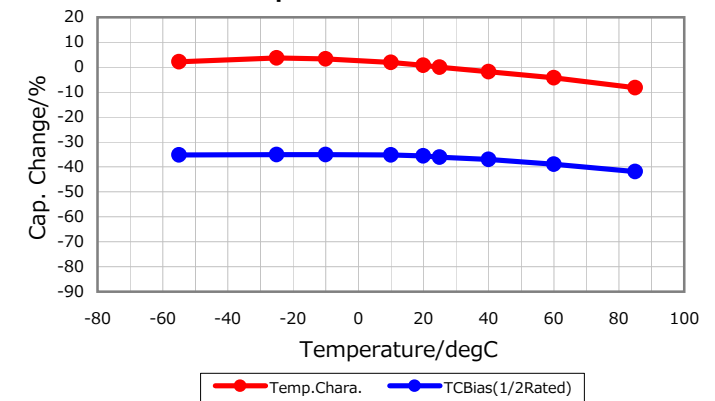
AEC-Q200

Yes

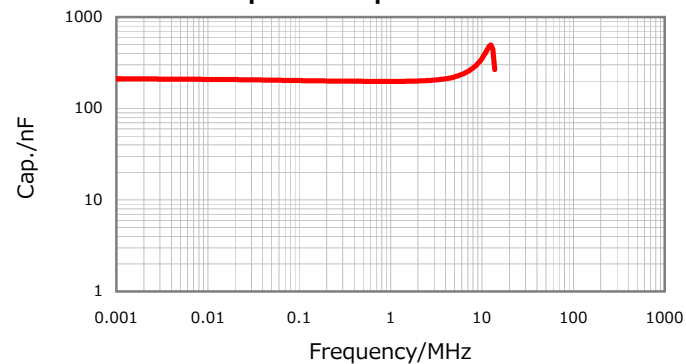
|Z|, ESR vs. Freq. Characteristics



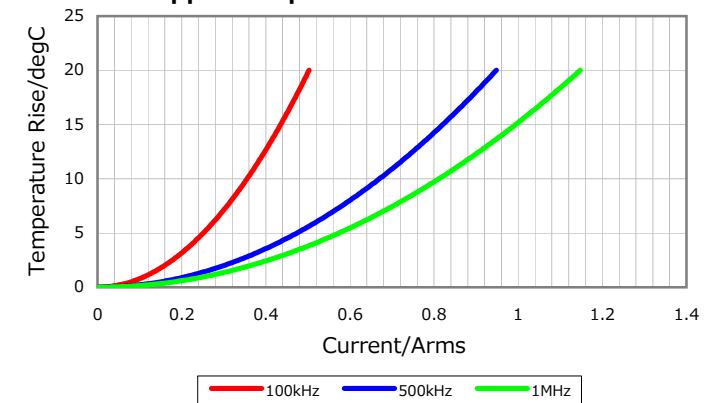
Temperature Characteristic



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:

[CGA2B1X5R1C224K050BC](#)