

CGA5H2X8R1H224K115AA

TDK Item Description : CGA5H2X8R1H224KT****



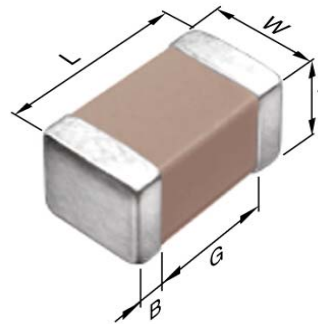
Equivalent C3216X8R1H224K for Automotive

Application & Main Feature

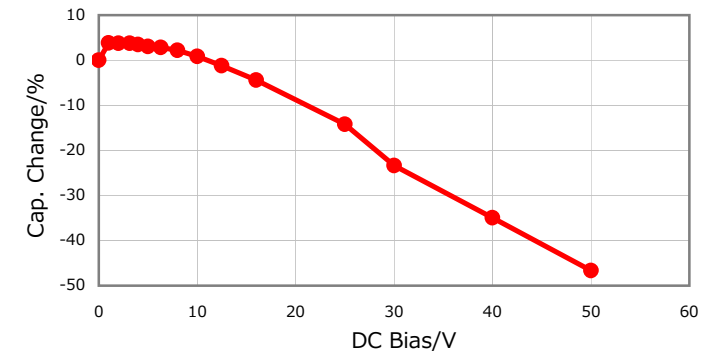
Automotive Grade (High Temperature Application)

Series

CGA5(3216) [EIA CC1206]



DC Bias Characteristic



Dimensions

L 3.20mm +/-0.2mm
W 1.60mm +/-0.2mm
T 1.15mm +/-0.15mm
B 0.20mm Min.
G 1.00mm Min.

Temperature Characteristic

X8R (-55 to 150 degC +/-15%)

Rated Voltage

1H (50Vdc)

Capacitance

220nF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

3% Max.

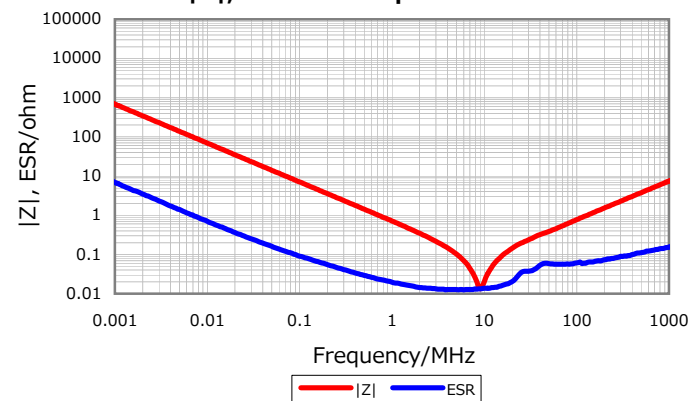
Insulation Resistance

2.27Gohm Min.

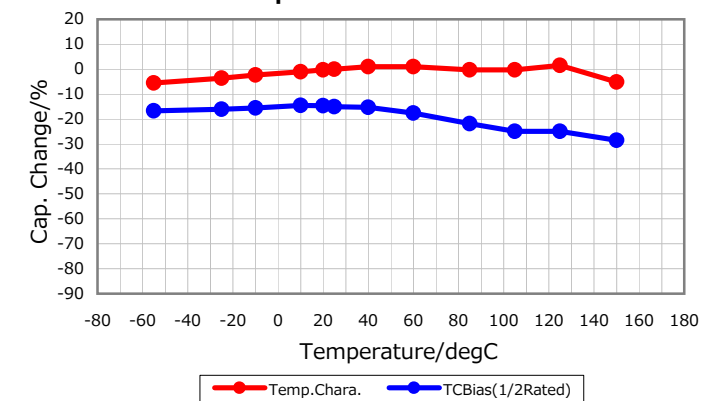
AEC-Q200

Yes

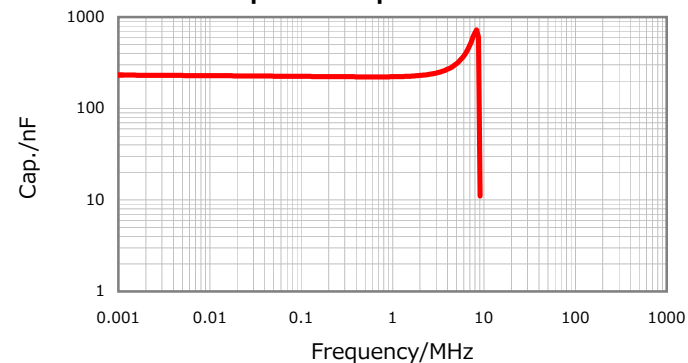
|Z|, ESR vs. Freq. Characteristics



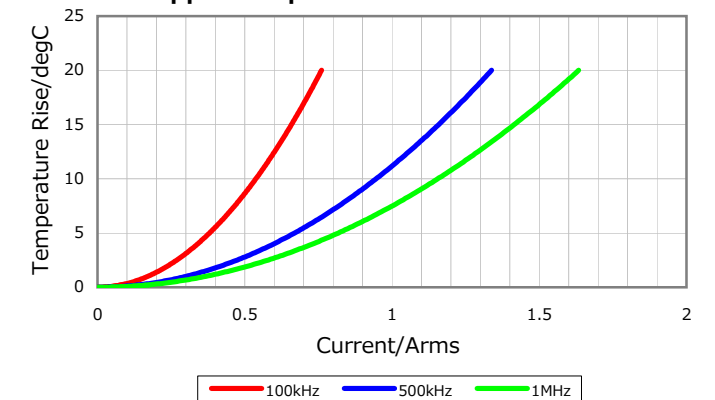
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

January 4, 2016