

CGA5L3X7R1H155K160AB

TDK Item Description : CGA5L3X7R1H155KT***



Equivalent C3216X7R1H155K for Automotive

Application & Main Feature

Automotive Grade (General (Up to 50V))

Series

CGA5(3216) [EIA CC1206]



Dimensions

L 3.20mm +0.3,-0.1mm
 W 1.60mm +0.3,-0.1mm
 T 1.60mm +0.3,-0.1mm
 B 0.20mm Min.
 G 1.00mm Min.

Temperature Characteristic

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

Rated Voltage

1H (50Vdc)

Capacitance

1.5uF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

5% Max.

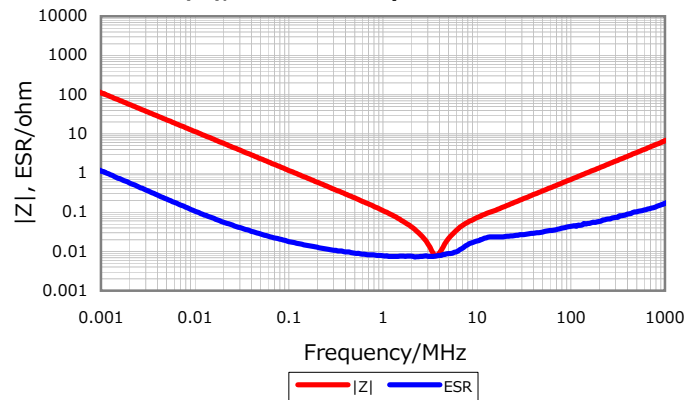
Insulation Resistance

333Mohm Min.

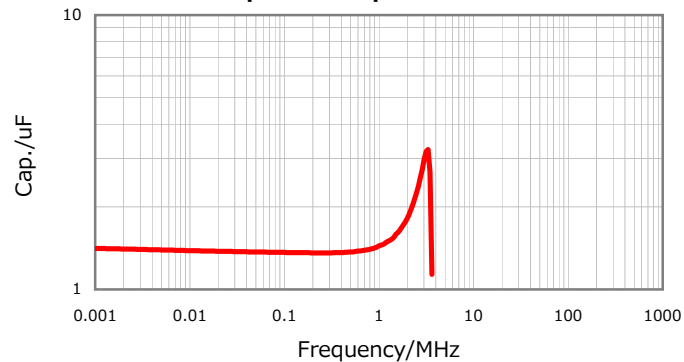
AEC-Q200

Yes

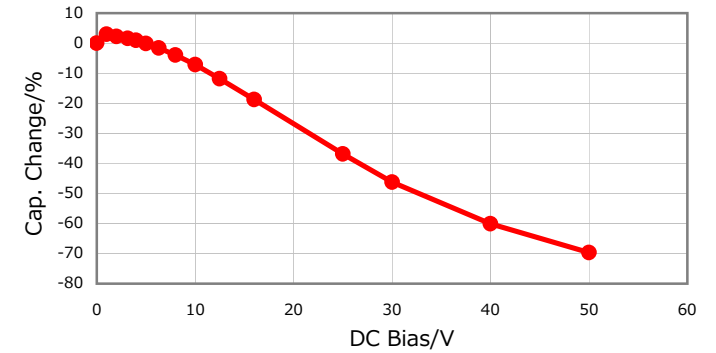
|Z|, ESR vs. Freq. Characteristics



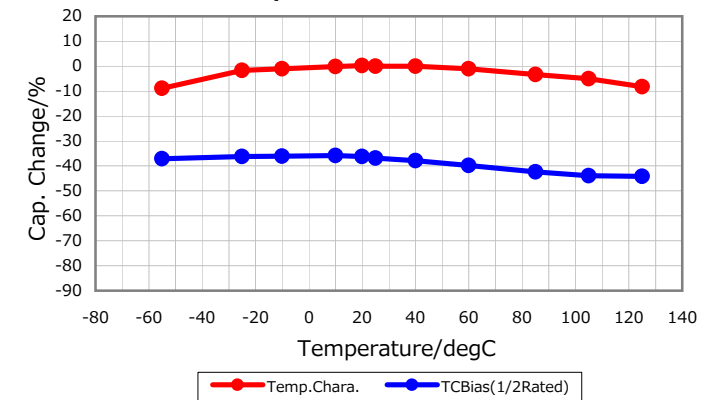
Cap. vs. Freq. Characteristic



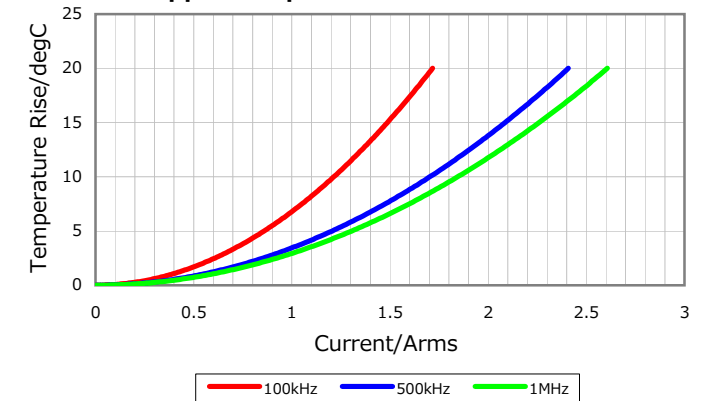
DC Bias Characteristic



Temperature Characteristics



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

January 4, 2016