

CGA8L2X7R1H155K160KA

TDK Item Description : CGA8L2X7R1H155KT***



Equivalent C4532X7R1H155K for Automotive

Application & Main Feature

Automotive Grade (General (Up to 50V))

Series

CGA8(4532) [EIA CC1812]



Dimensions

L 4.50mm +/-0.4mm
 W 3.20mm +/-0.4mm
 T 1.60mm +/-0.2mm
 B 0.20mm Min.
 G

Temperature Characteristic

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

Rated Voltage

1H (50Vdc)

Capacitance

1.5uF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

3% Max.

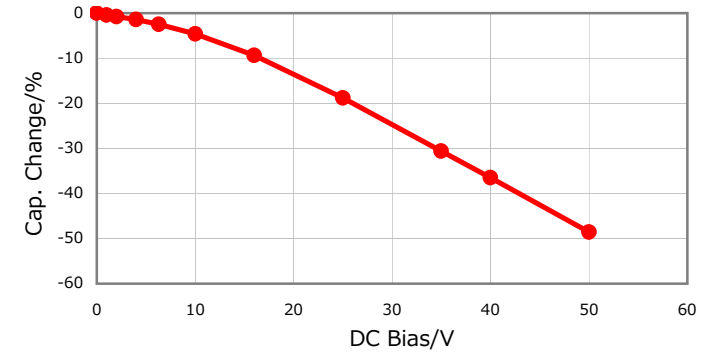
Insulation Resistance

333Mohm Min.

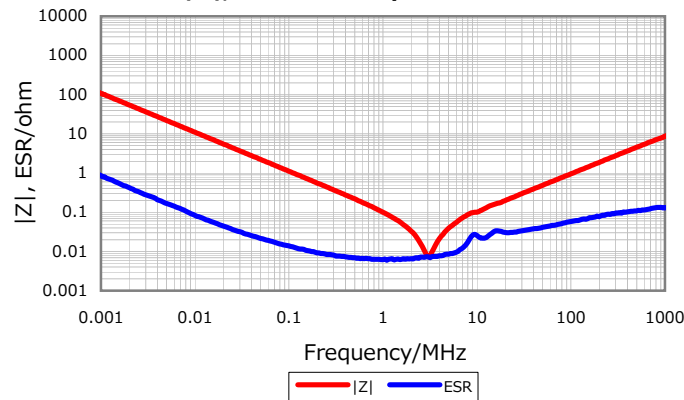
AEC-Q200

Yes

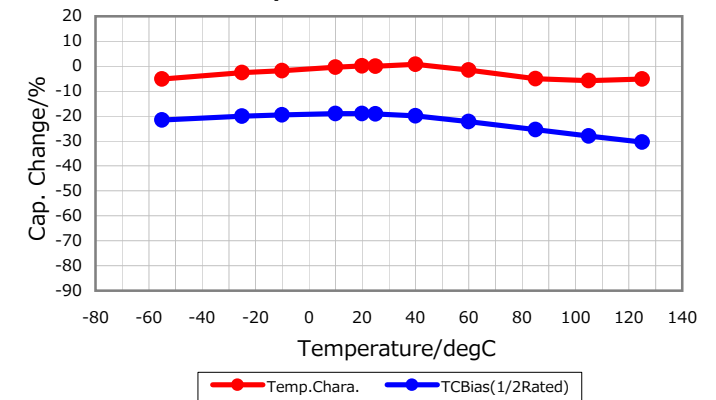
DC Bias Characteristic



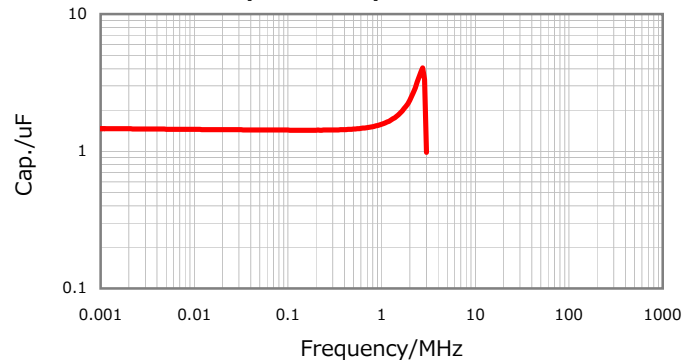
|Z|, ESR vs. Freq. Characteristics



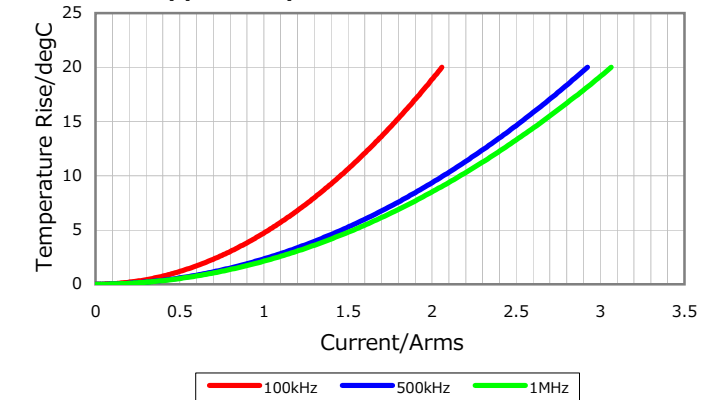
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



⚠ All specifications are subject to change without notice.

January 4, 2016