CGA8N2X7R2A105M230KA

TDK Item Description : CGA8N2X7R2A105MT****

Lead Free | Halogen Free | REACH | RoHS COMPLIANT

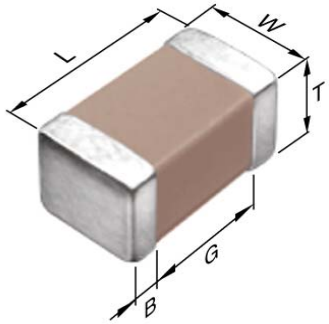
Equivalent C4532X7R2A105M for Automotive

Application & Main Feature

Automotive Grade (Mid Voltage (100 to 630V))

Series

CGA8(4532) [EIA CC1812]



Dimensions

L	4.50mm +/-0.4mm
W	3.20mm +/-0.4mm
T	2.30mm +/-0.2mm
B	0.20mm Min.
G	

Temperature Characteristic

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

Rated Voltage

2A (100Vdc)

Capacitance

1uF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

3% Max.

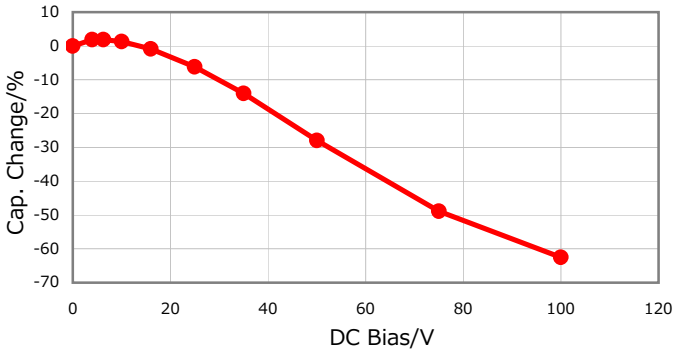
Insulation Resistance

500Mohm Min.

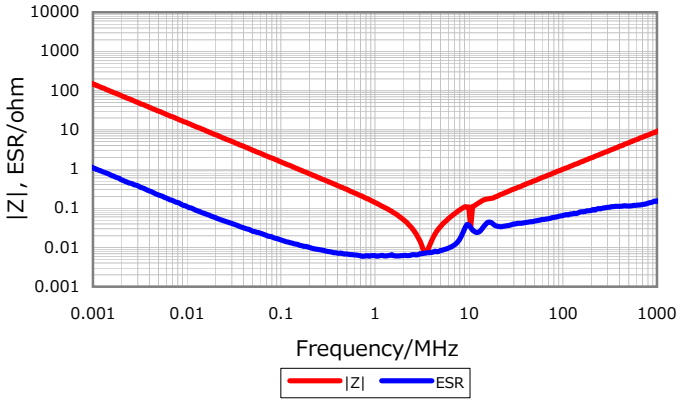
AEC-Q200

Yes

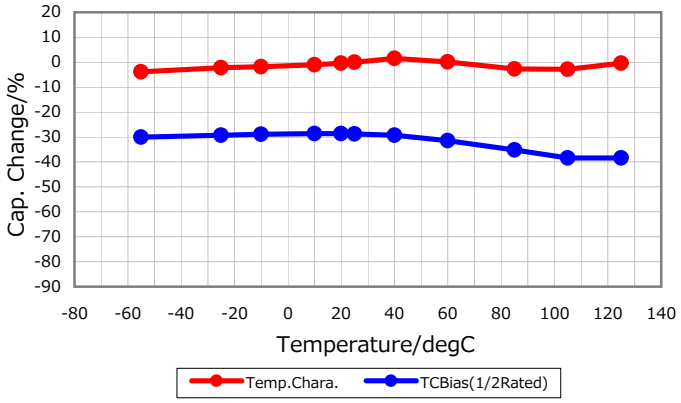
DC Bias Characteristic



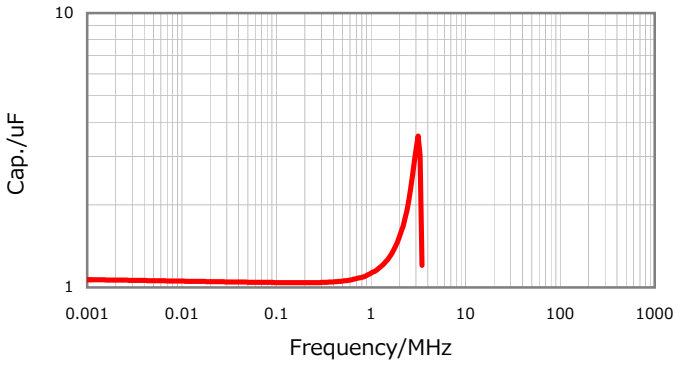
|Z|, ESR vs. Freq. Characteristics



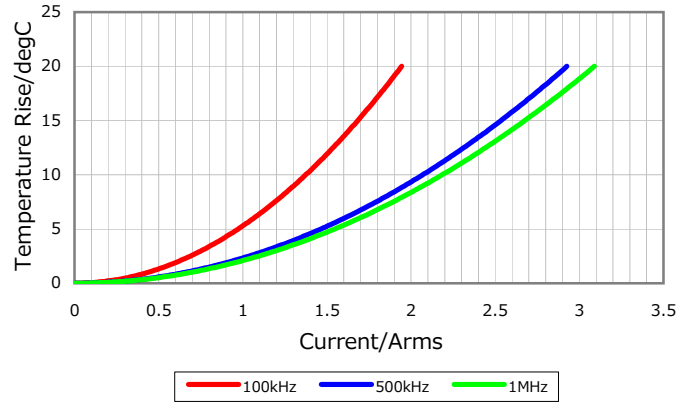
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)

TDK

All specifications are subject to change without notice.

January 4, 2016

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