CGA5L2X7R2A683M160AA

TDK Item Description : CGA5L2X7R2A683MT****

Lead Free | Halogen Free | REACH | RoHS COMPLIANT

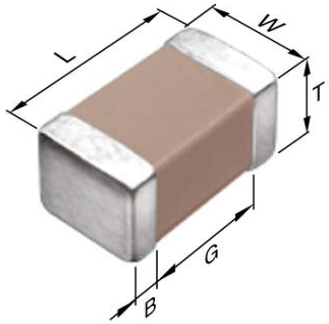
Equivalent C3216X7R2A683M for Automotive

Application & Main Feature

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

Series

CGA5(3216) [EIA CC1206]



Dimensions

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

Temperature Characteristic

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

Rated Voltage

2A (100Vdc)

Capacitance

68nF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

3% Max.

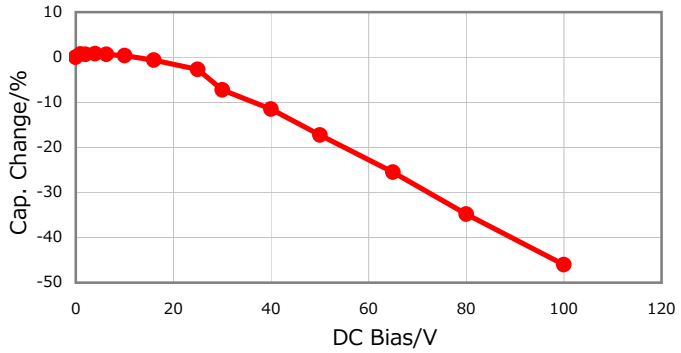
Insulation Resistance

7.35Gohm Min.

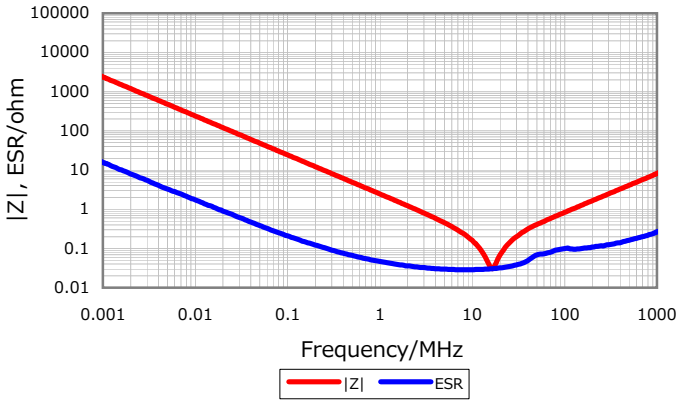
AEC-Q200

Yes

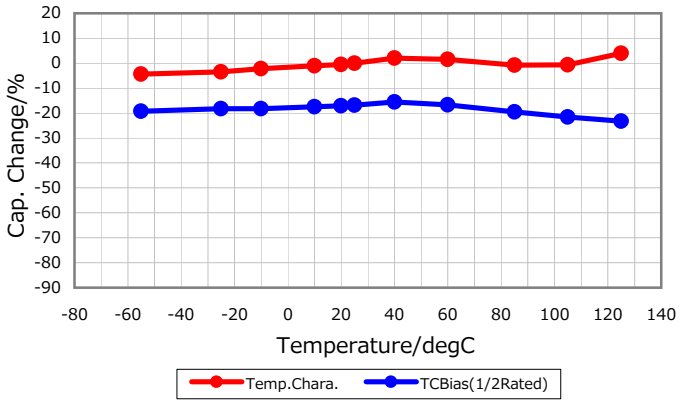
DC Bias Characteristic



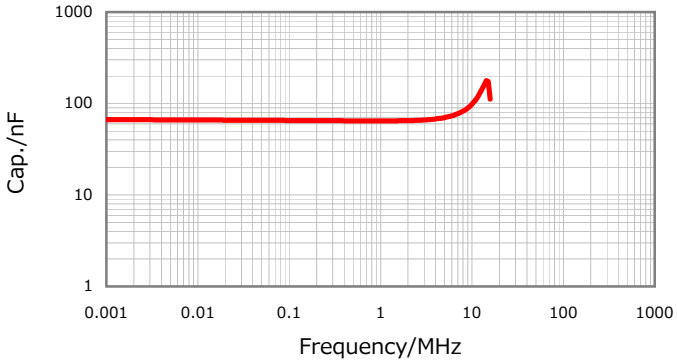
|Z|, ESR vs. Freq. Characteristics



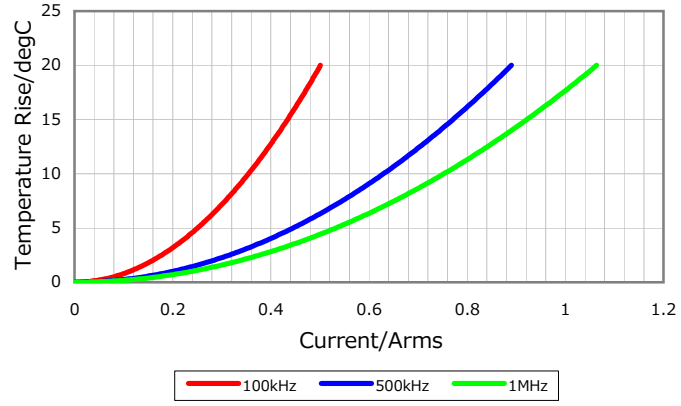
Temperature Characteristics



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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