

CGAEA1X7R1H473M030BC

TDK Item Description : CGAEA1X7R1H473MT****



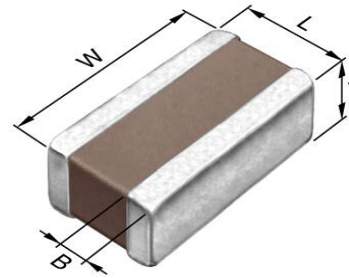
Equivalent C0510X7R1H473M for Automotive

Application & Main Feature

Automotive Grade (Low ESL Reverse Geometry)

Series

CGAE(0510) [EIA 0204]



Dimensions

L	0.52mm +/-0.05mm
W	1.00mm +/-0.05mm
T	0.30mm +/-0.05mm
B	0.10mm Min.

Temperature Characteristic

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

Rated Voltage

1H (50Vdc)

Capacitance

47nF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

5% Max.

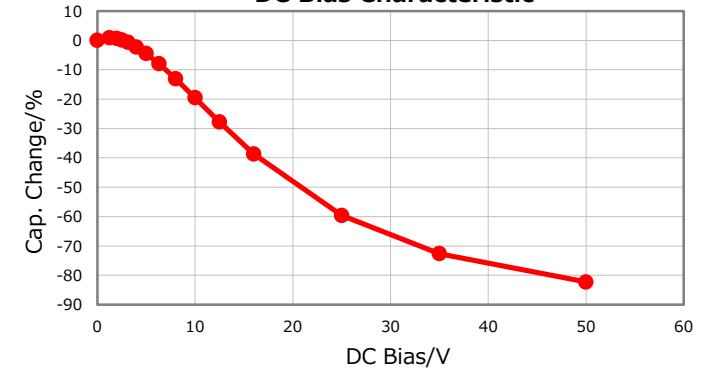
Insulation Resistance

10Gohm Min

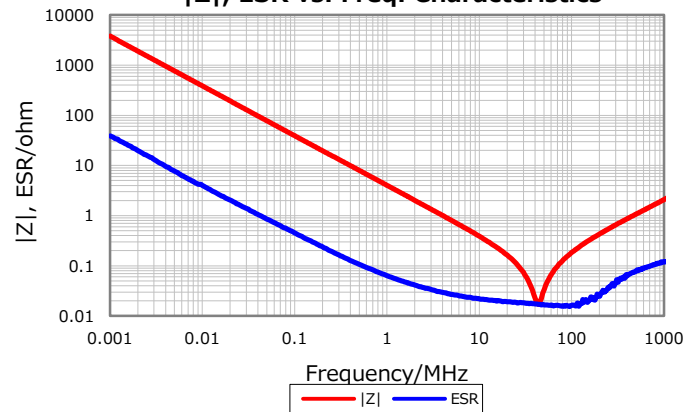
AEC-Q200

YES

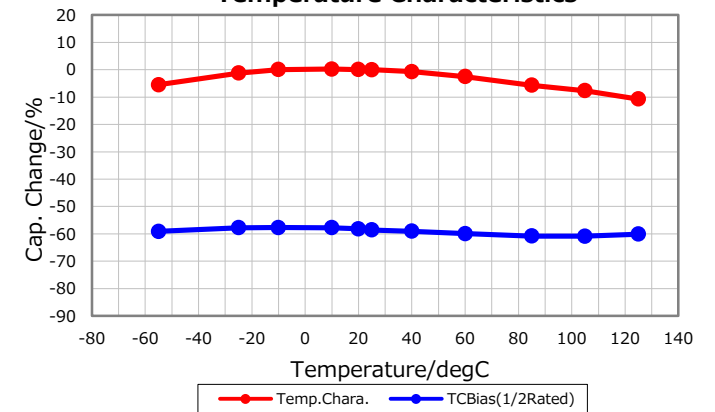
DC Bias Characteristic



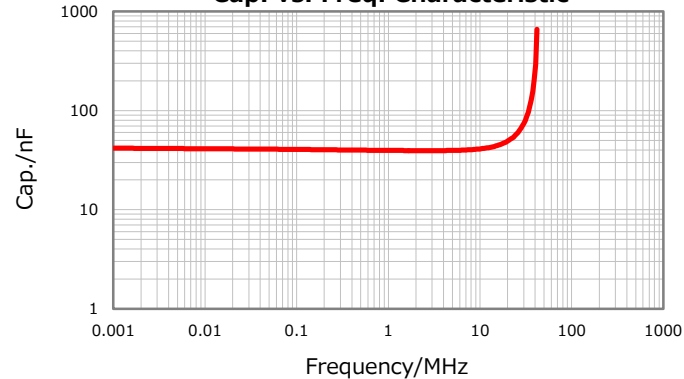
|Z|, ESR vs. Freq. Characteristics



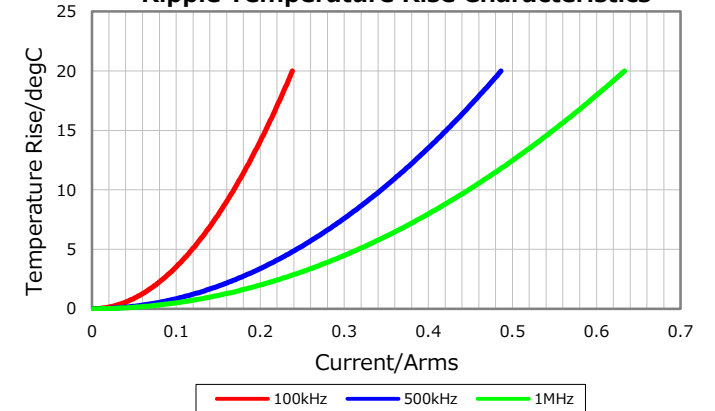
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

June 28, 2018