

CGAEA2X7R1E473M030BA

TDK Item Description : CGAEA2X7R1E473MT****



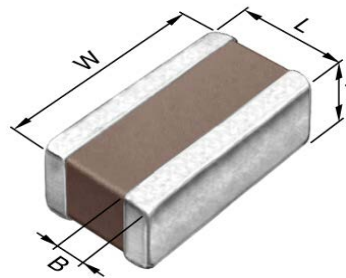
Equivalent C0510X7R1E473M for Automotive

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

1E (25Vdc)

Capacitance

47nF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

5% Max.

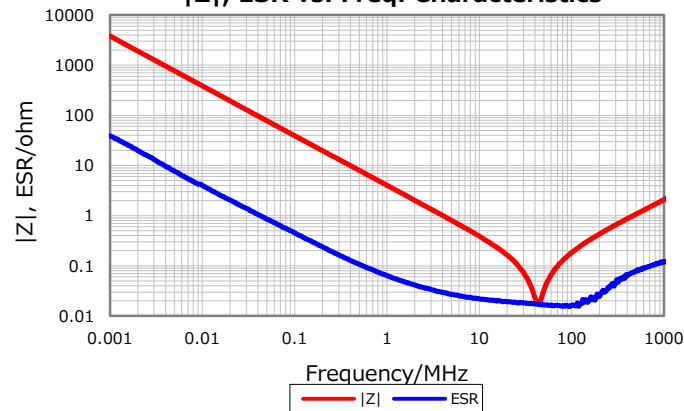
Insulation Resistance

10Gohm Min

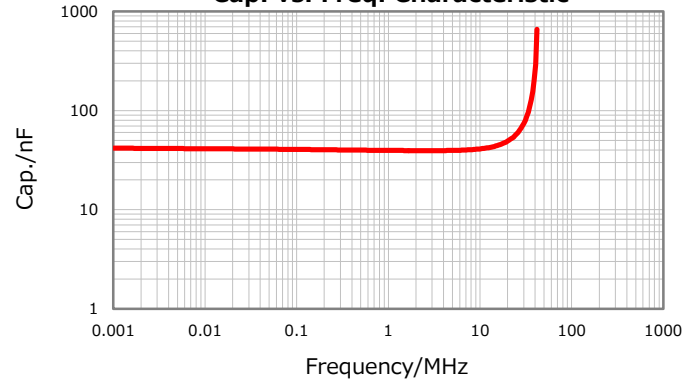
AEC-Q200

YES

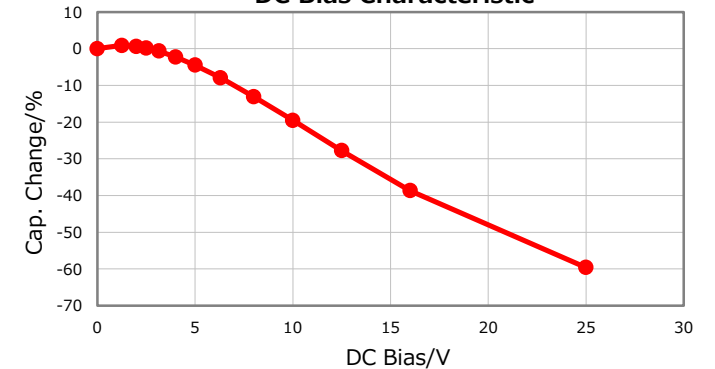
|Z|, ESR vs. Freq. Characteristics



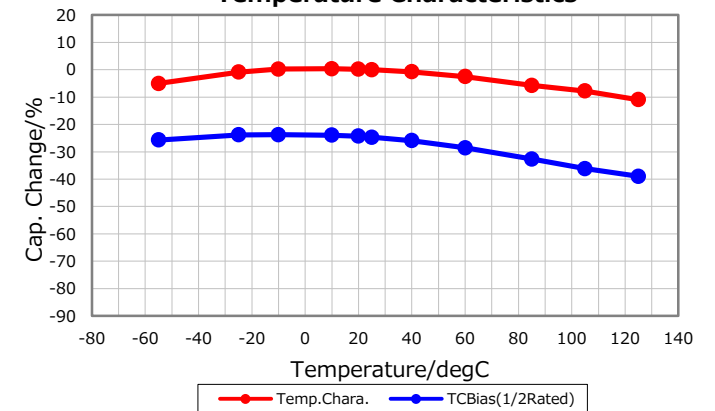
Cap. vs. Freq. Characteristic



DC Bias Characteristic



Temperature Characteristics



Ripple Temperature Rise Characteristics

