

C1005X5R1A473K050BA

TDK Item Description : C1005X5R1A473KT****



Application & Main Feature

Commercial Grade (General (Up to 50V))

Series

C1005 [EIA CC0402]



Dimensions

L 1.00mm +/-0.05mm
 W 0.50mm +/-0.05mm
 T 0.50mm +/-0.05mm
 B 0.10mm Min.
 G 0.30mm Min.

Temperature Characteristic

X5R (-55 to 85 degC +/-15%)

Rated Voltage

1A (10Vdc)

Capacitance

47nF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

5% Max.

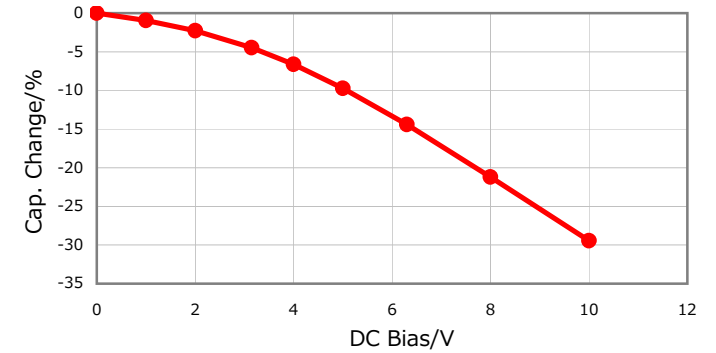
Insulation Resistance

2.13Gohm Min.

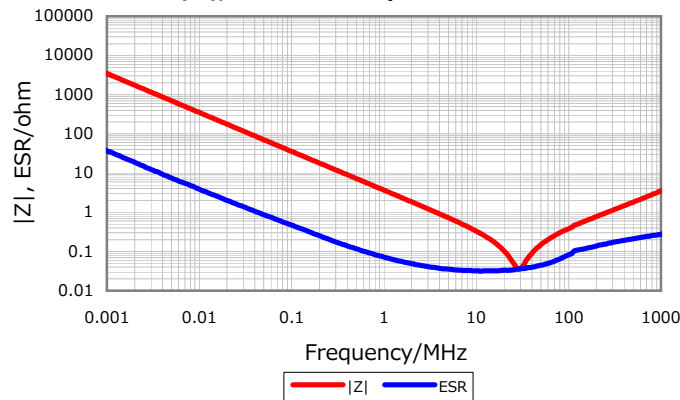
AEC-Q200

Not Applicable

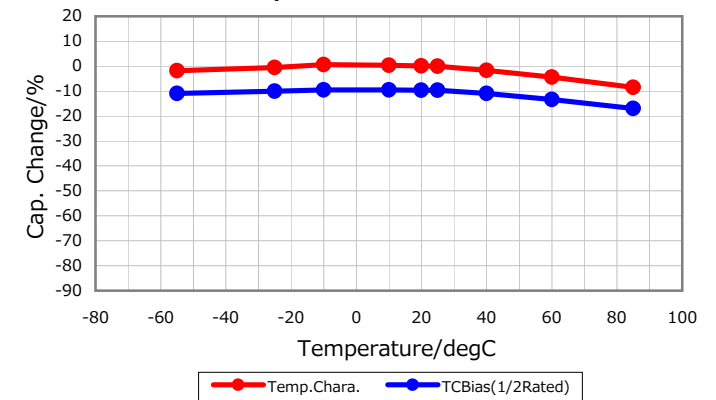
DC Bias Characteristic



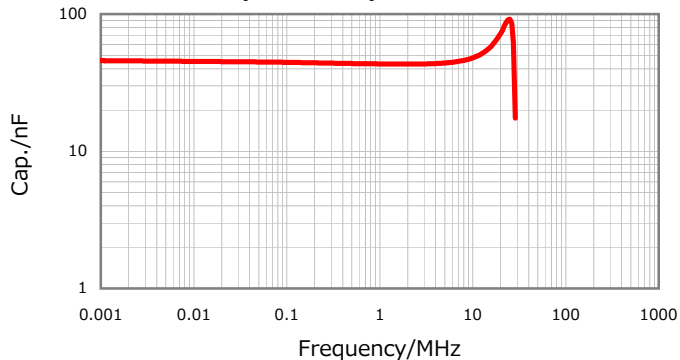
|Z|, ESR vs. Freq. Characteristics



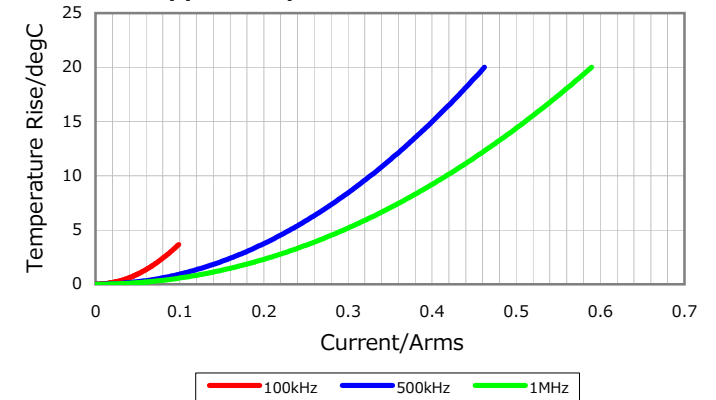
Temperature Characteristic



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristic



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

September 28, 2013