

C0603X6S0G104K030BC

TDK Item Description : C0603X6S0G104KT****



Application & Main Feature

Commercial Grade (General (Up to 50V))

Series

C0603 [EIA CC0201]



Dimensions

L 0.60mm +/-0.03mm
 W 0.30mm +/-0.03mm
 T 0.30mm +/-0.03mm
 B 0.10mm Min.
 G 0.20mm Min.

Temperature Characteristic

X6S (-55 to 105 degC +/-22%)

Rated Voltage

0G (4Vdc)

Capacitance

100nF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

10% Max.

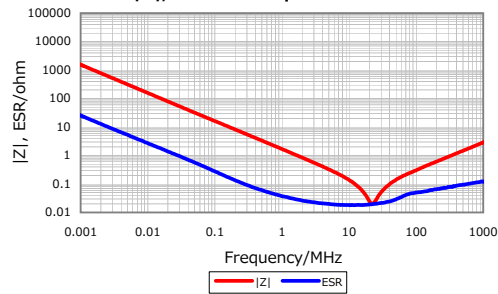
Insulation Resistance

1Gohm Min.

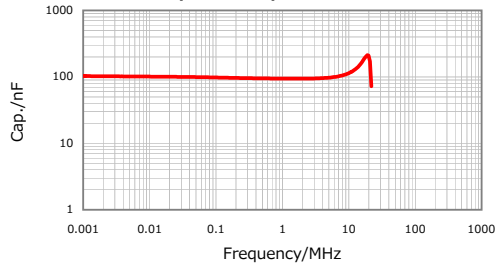
AEC-Q200

Not Applicable

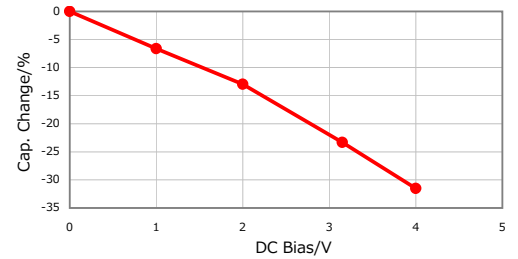
|Z|, ESR vs. Freq. Characteristics



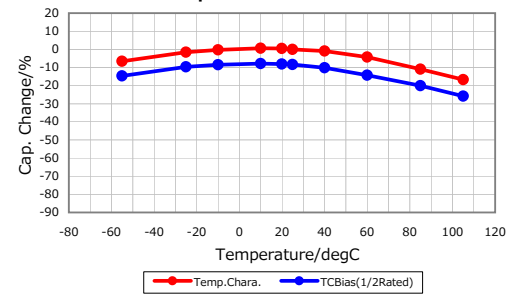
Cap. vs. Freq. Characteristic



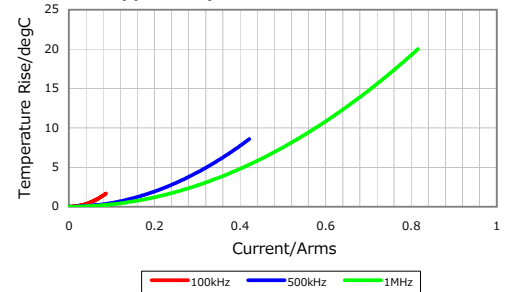
DC Bias Characteristic



Temperature Characteristic



Ripple Temperature Rise Characteristic



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

January 10, 2014