Application & Main Feature

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

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

X7S (-55 to 125 degC +/-22%)

Rated Voltage

2A (100Vdc)

Capacitance

10nF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

5% Max.

Insulation Resistance

10Gohm Min.

AEC-Q200

Not Applicable

C1005X7S2A103K050BB

TDK Item Description: C1005X7S2A103KT****

Cap. vs. Freq. Characteristic

Temperature Characteristic

Ripple Temperature Rise Characteristics

All specifications are subject to change without notice.

January 3, 2016