

C3216X5R2A105K160AA

TDK Item Description : C3216X5R2A105KT****



Application & Main Feature

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

Series

C3216 [EIA CC1206]

Dimensions

L 3.20mm +/-0.2mm
W 1.60mm +/-0.2mm
T 1.60mm +/-0.2mm
B 0.20mm Min.
G 1.00mm Min.

Temperature Characteristic

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

Rated Voltage

2A (100Vdc)

Capacitance

1uF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

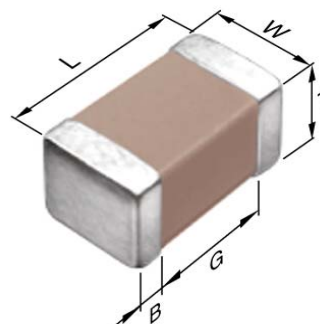
3% Max.

Insulation Resistance

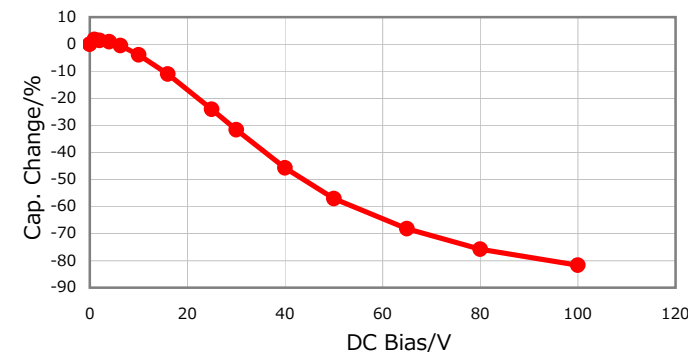
500Mohm Min.

AEC-Q200

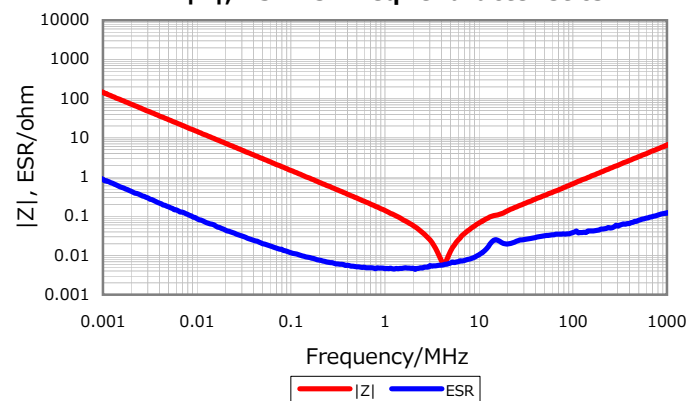
Not Applicable



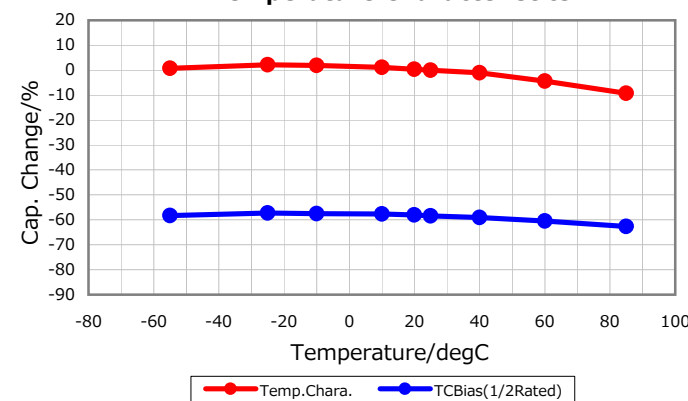
DC Bias Characteristic



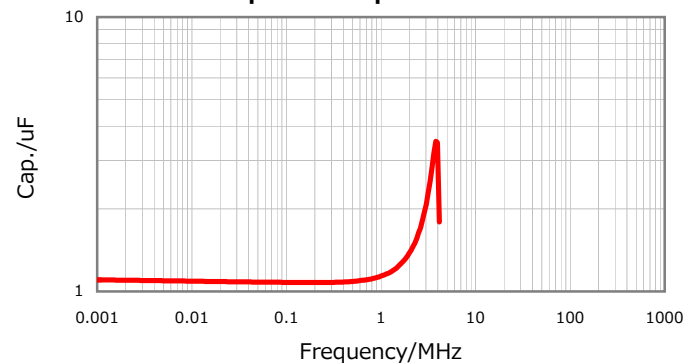
|Z|, ESR vs. Freq. Characteristics



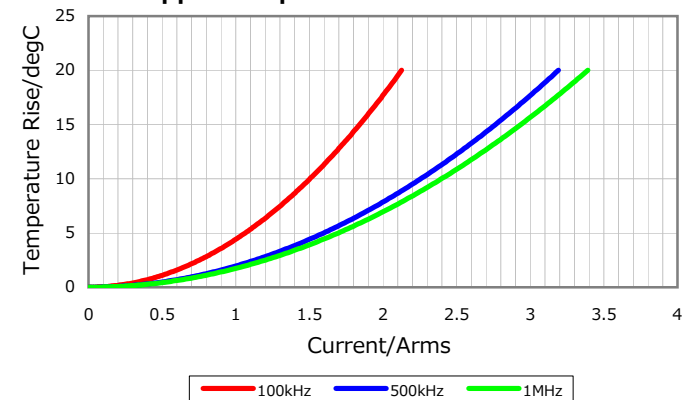
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

January 3, 2016