

C3216X8R1E475M160AE

TDK Item Description : C3216X8R1E475MT***S



Application & Main Feature

Commercial Grade (Soft Termination)

Series

C3216 [EIA 1206]

Dimensions

L	3.20mm +0.4,-0.2mm
W	1.60mm +0.3,-0.2mm
T	1.60mm +0.3,-0.2mm
B	0.20mm Min.
G	1.00mm Min.

Temperature Characteristic

X8R (-55 to 150 degC $\pm 15\%$)

Rated Voltage

1E (25Vdc)

Capacitance

4.7 μ F

Capacitance Tolerance

M ($\pm 20\%$)

Dissipation Factor

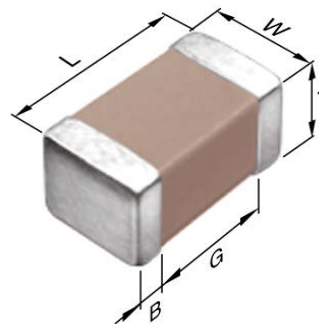
5% Max.

Insulation Resistance

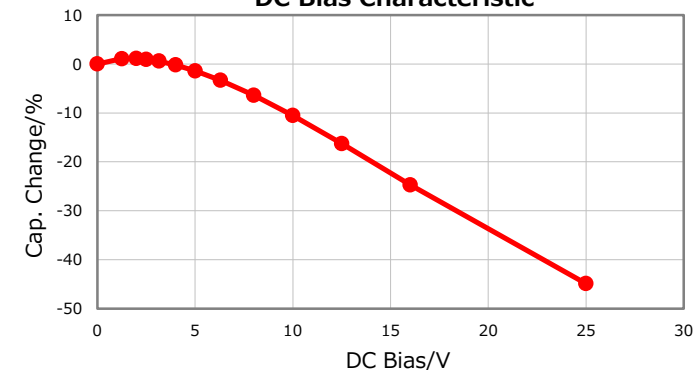
106Mohm Min.

AEC-Q200

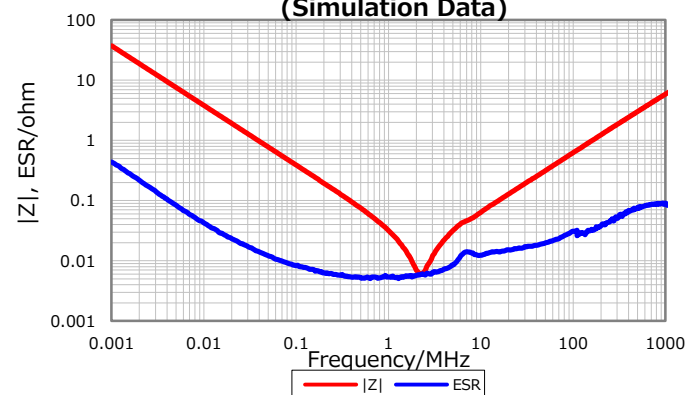
Not Applicable



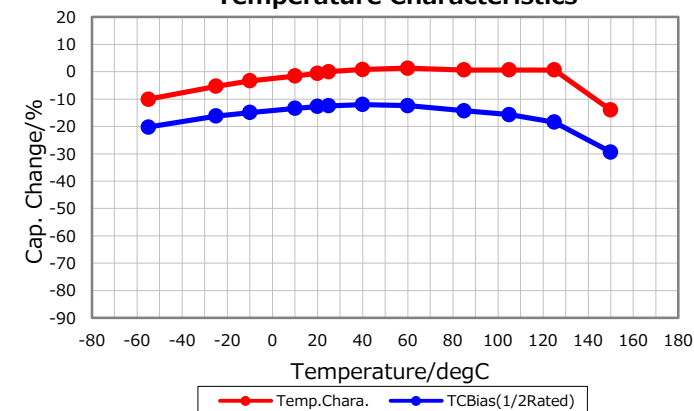
DC Bias Characteristic



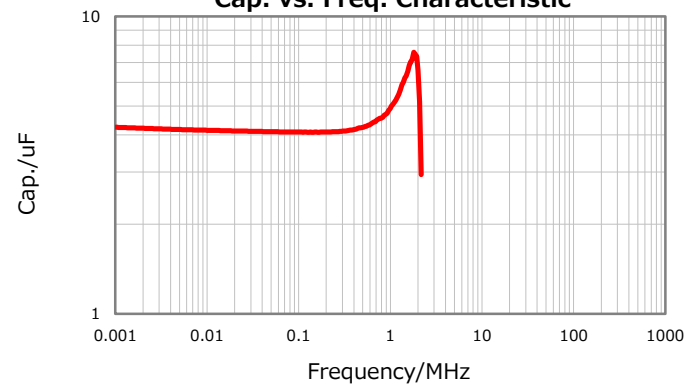
|Z|, ESR vs. Freq. Characteristics (Simulation Data)



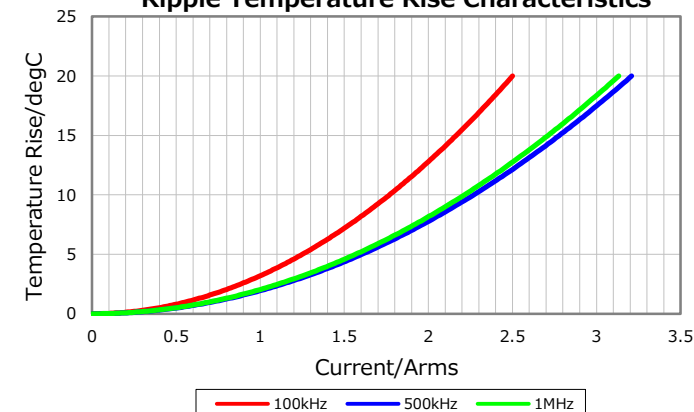
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

July 24, 2018