

C3216X7R1H105M160AE

TDK Item Description : C3216X7R1H105MT***S



Application & Main Feature

Commercial Grade (Soft Termination)

Series

C3216 [EIA CC1206]

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

X7R (-55 to 125 degC +/-15%)

Rated Voltage

1H (50Vdc)

Capacitance

1uF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

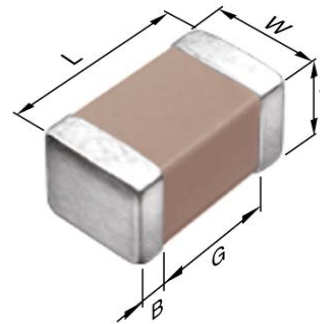
5% Max.

Insulation Resistance

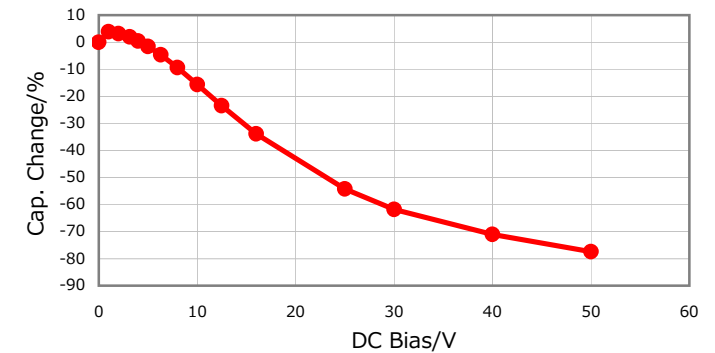
500Mohm Min.

AEC-Q200

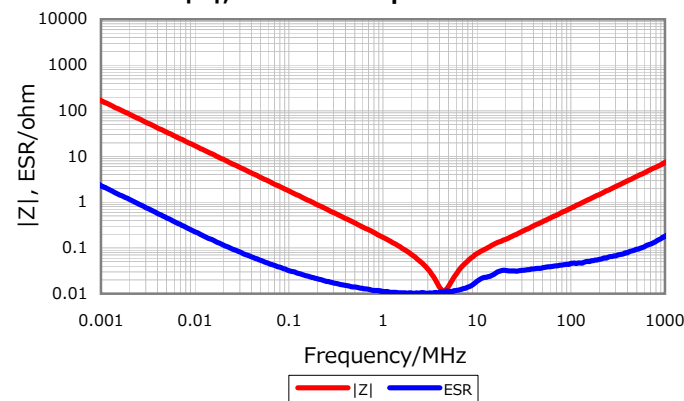
Not Applicable



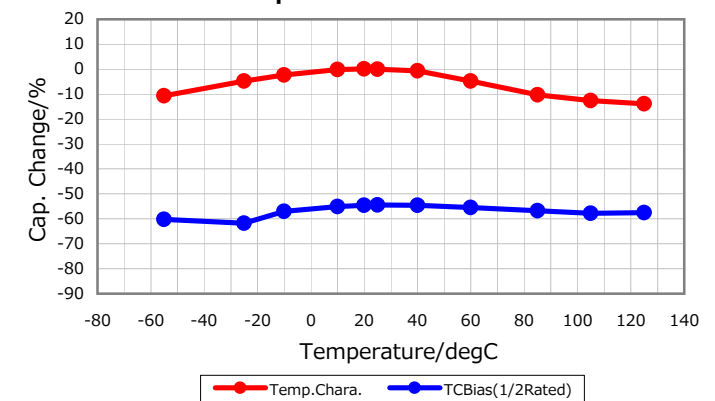
DC Bias Characteristic



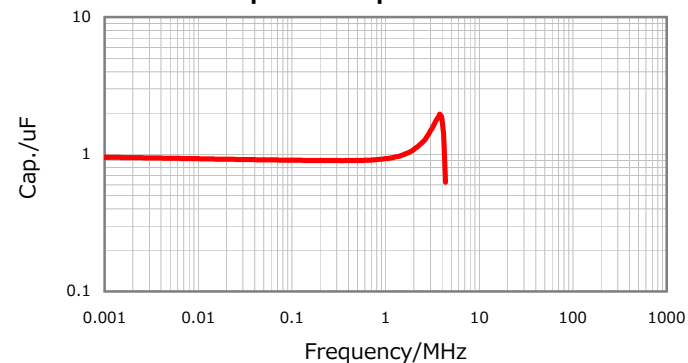
|Z|, ESR vs. Freq. Characteristics



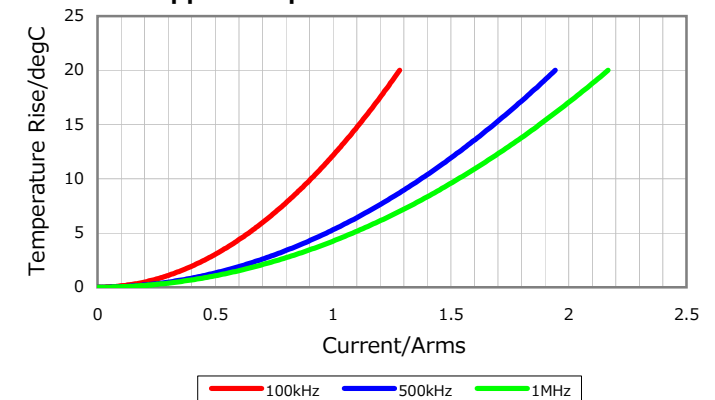
Temperature Characteristic



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristic



All specifications are subject to change without notice.

September 28, 2013

Mouser Electronics

Authorized Distributor

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