

C2012X7R2E682M125AA

TDK Item Description : C2012X7R2E682MT****



Application & Main Feature

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

Series

C2012 [EIA CC0805]

Dimensions

L 2.00mm +/-0.2mm
W 1.25mm +/-0.2mm
T 1.25mm +/-0.2mm
B 0.20mm Min.
G 0.50mm Min.

Temperature Characteristic

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

Rated Voltage

2E (250Vdc)

Capacitance

6.8nF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

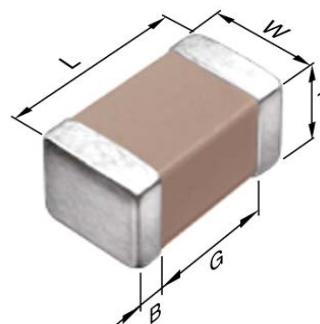
3% Max.

Insulation Resistance

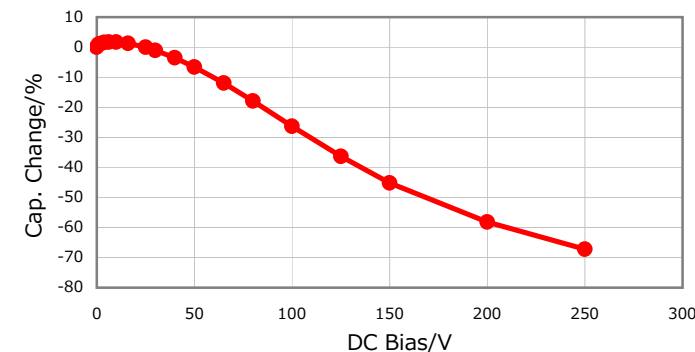
10Gohm Min.

AEC-Q200

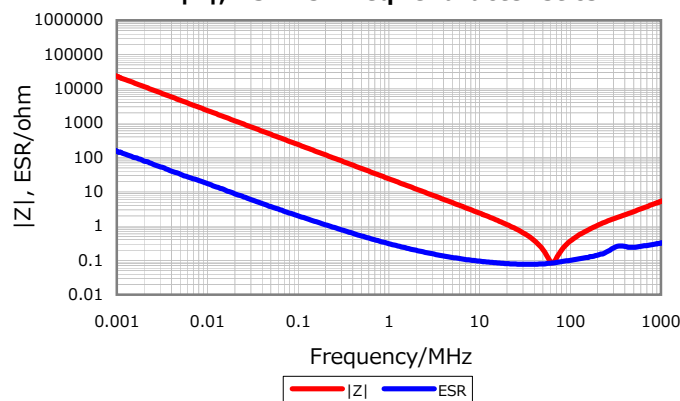
Not Applicable



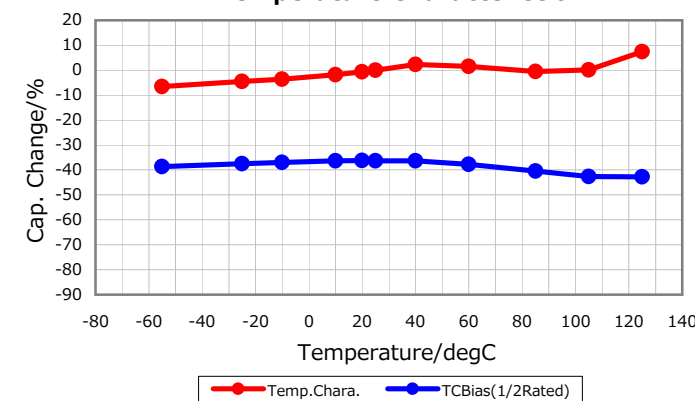
DC Bias Characteristic



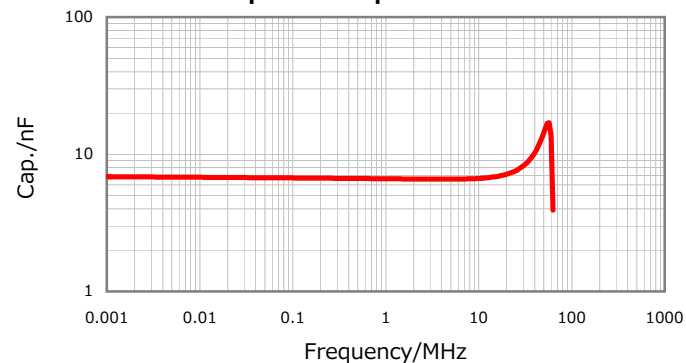
|Z|, ESR vs. Freq. Characteristics



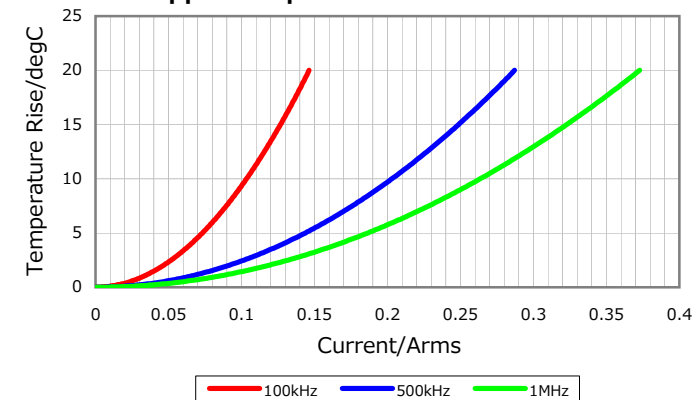
Temperature Characteristic



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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