

C2012X8R1C684M125AB

TDK Item Description : C2012X8R1C684MT****



Application & Main Feature

Commercial Grade (High Temperature Application)

Series

C2012 [EIA 0805]

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

X8R (-55 to 150 deg +/-15%)

Rated Voltage

1C (16Vdc)

Capacitance

680nF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

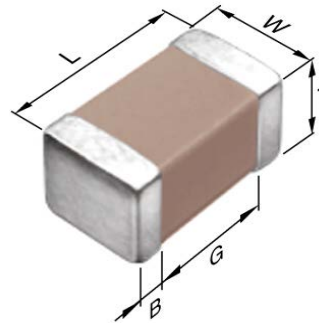
5% Max.

Insulation Resistance

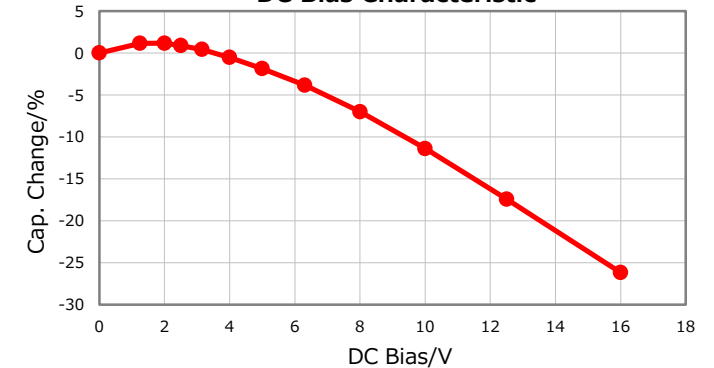
147Mohm Min.

AEC-Q200

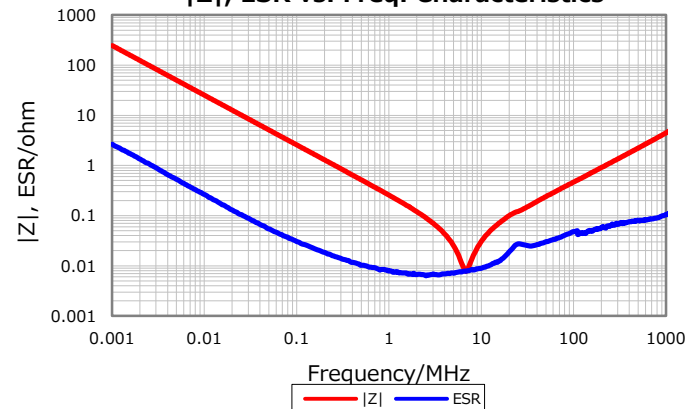
Not Applicable



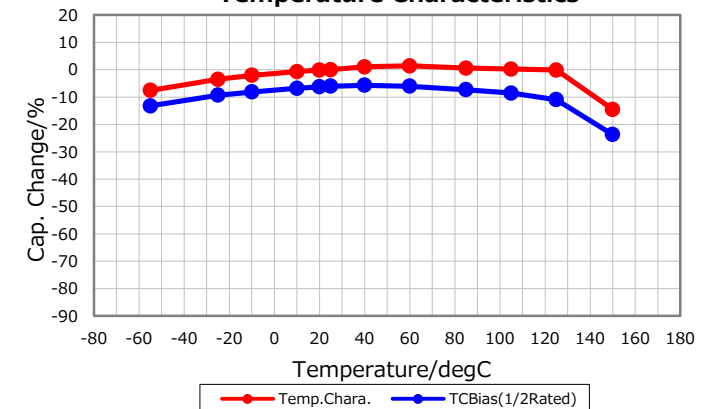
DC Bias Characteristic



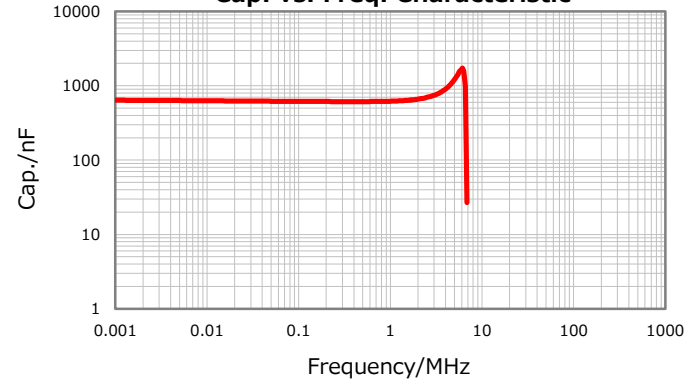
|Z|, ESR vs. Freq. Characteristics



Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics

