

CEU4J2X7R1H683M125AE

TDK Item Description : CEU4J2X7R1H683MT***S



Application & Main Feature

Automotive Grade (Serial Design)

Series

CEU4(2012) [EIA CC0805]



Dimensions

L	2.00mm +0.3,-0.2mm
W	1.25mm +0.25,-0.2mm
T	1.25mm +0.25,-0.2mm
B	0.20mm Min.
G	0.50mm Min.

Temperature Characteristic

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

Rated Voltage

1H (50Vdc)

Capacitance

68nF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

3% Max.

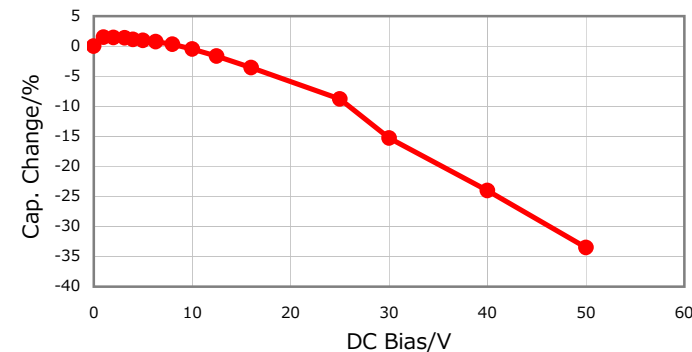
Insulation Resistance

7.35Gohm Min.

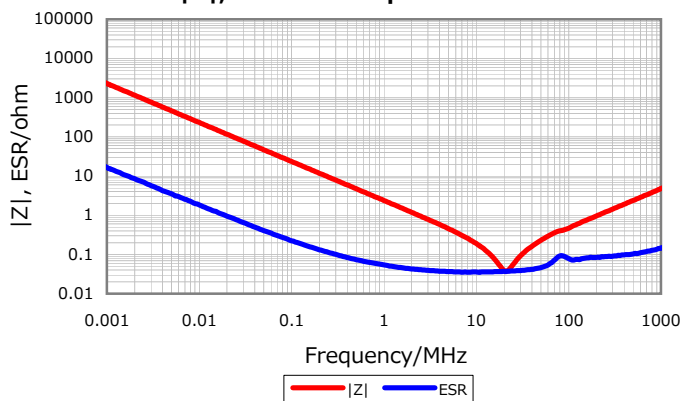
AEC-Q200

Yes

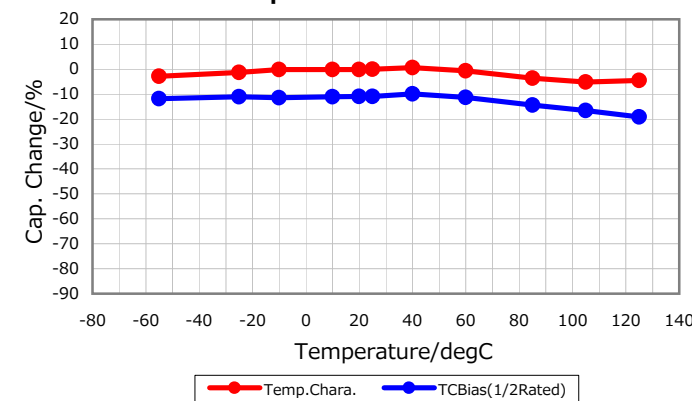
DC Bias Characteristic



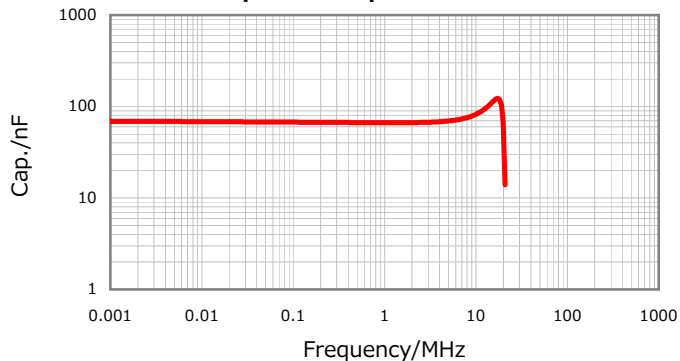
|Z|, ESR vs. Freq. Characteristics



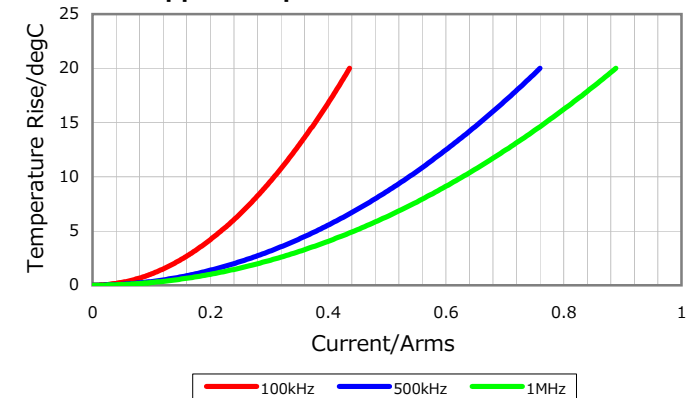
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



⚠ All specifications are subject to change without notice.

January 4, 2016