

C1632X7R1A105M070AC

TDK Item Description : C1632X7R1A105MT****

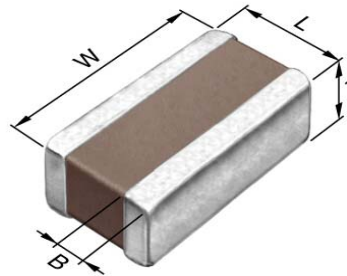


Application & Main Feature

Commercial Grade (Low ESL Reverse Geometry)

Series

C1632 [EIA CC0612]



Dimensions

L 1.60mm +/-0.2mm
 W 3.20mm +/-0.2mm
 T 0.70mm +/-0.1mm
 B 0.20mm Min.

Temperature Characteristic

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

Rated Voltage

1A (10Vdc)

Capacitance

1uF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

5% Max.

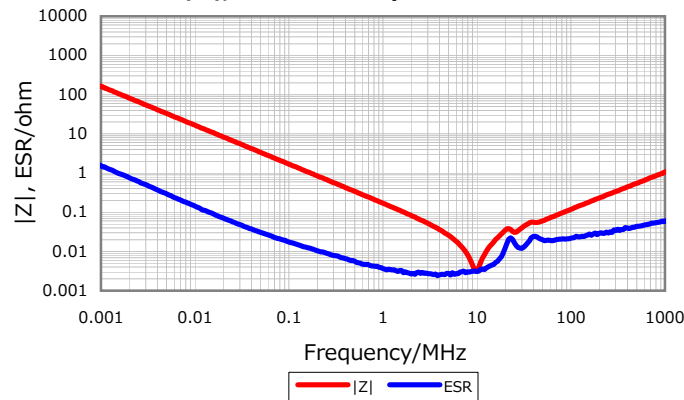
Insulation Resistance

100Mohm Min.

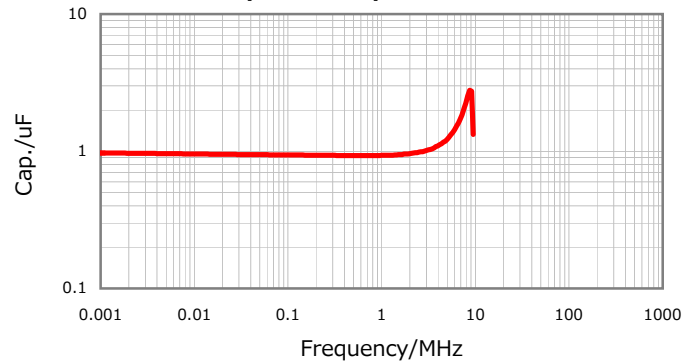
AEC-Q200

Not Applicable

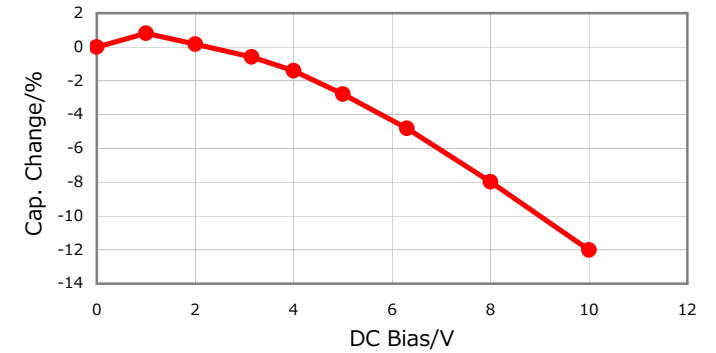
|Z|, ESR vs. Freq. Characteristics



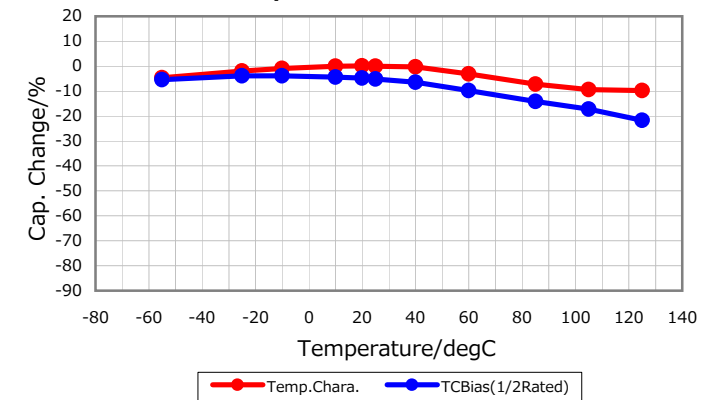
Cap. vs. Freq. Characteristic



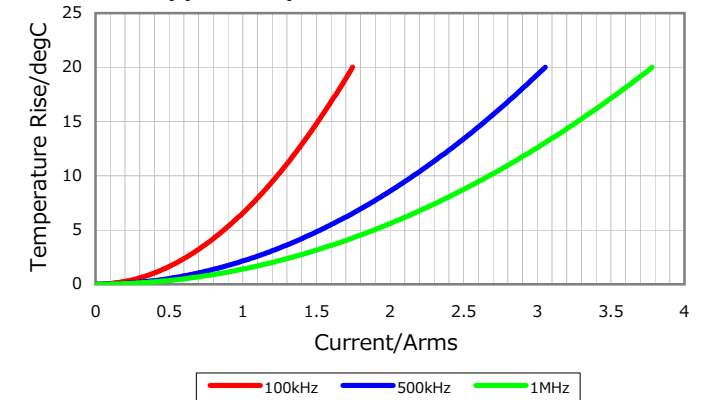
DC Bias Characteristic



Temperature Characteristics



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

January 3, 2016