

C1632X5R1C105M115AC

TDK Item Description : C1632X5R1C105MT****

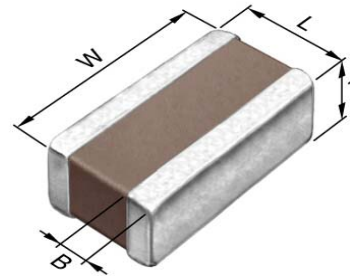


Application & Main Feature

Commercial Grade (Low ESL Reverse Geometry)

Series

C1632 [EIA CC0612]



Dimensions

L 1.60mm +/-0.2mm
 W 3.20mm +/-0.2mm
 T 1.15mm +/-0.15mm
 B 0.20mm Min.

Temperature Characteristic

X5R (-55 to 85 degC +/-15%)

Rated Voltage

1C (16Vdc)

Capacitance

1uF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

5% Max.

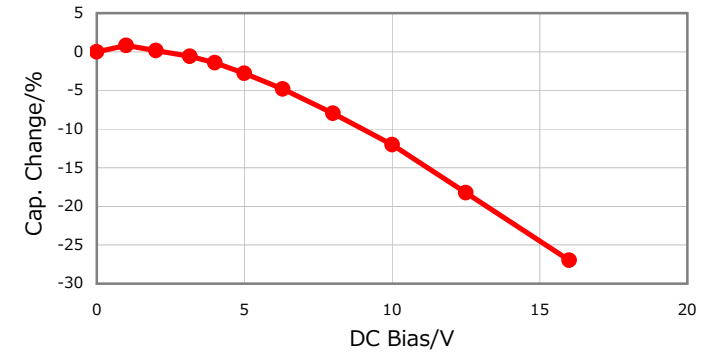
Insulation Resistance

100Mohm Min.

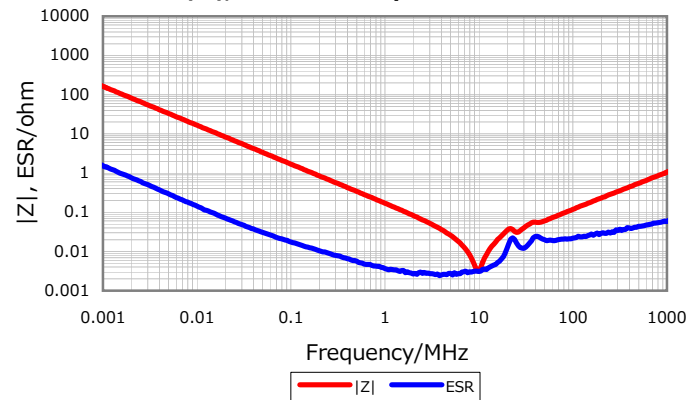
AEC-Q200

Not Applicable

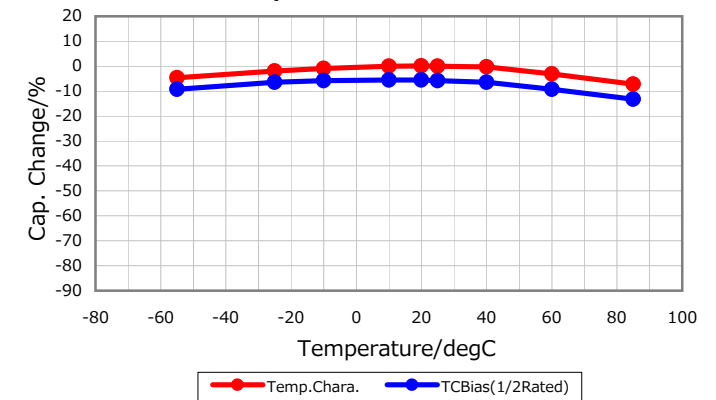
DC Bias Characteristic



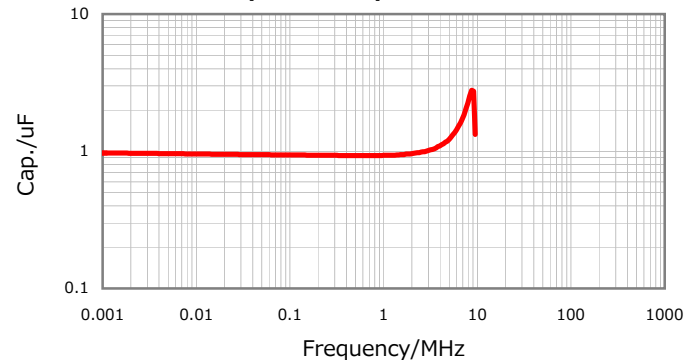
|Z|, ESR vs. Freq. Characteristics



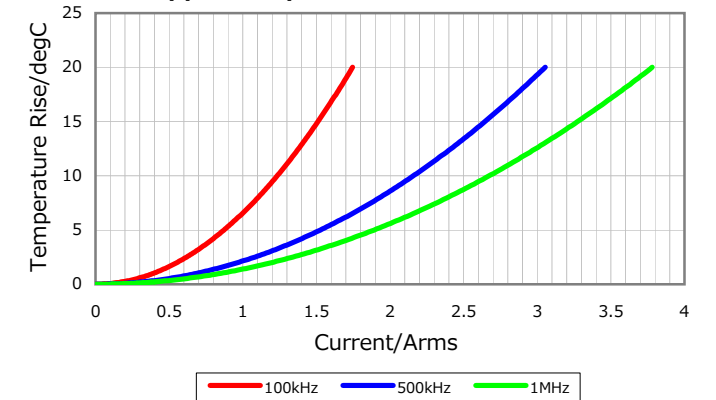
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.