

# C4532X7R3D222M130KE

TDK Item Description : C4532X7R3D222MT\*\*\*S



## Application & Main Feature

Commercial Grade ( Soft Termination )

## Series

C4532 [EIA CC1812]

## Dimensions

|   |                    |
|---|--------------------|
| L | 4.50mm +0.5,-0.4mm |
| W | 3.20mm +/-0.4mm    |
| T | 1.30mm +/-0.2mm    |
| B | 0.20mm Min.        |
| G |                    |

## Temperature Characteristic

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

## Rated Voltage

3D (2000Vdc)

## Capacitance

2.2nF

## Capacitance Tolerance

M (+/-20%)

## Dissipation Factor

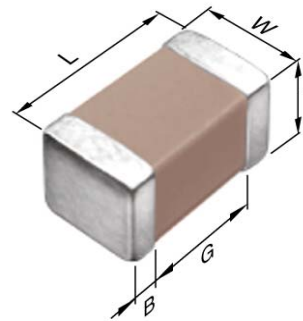
3% Max.

## Insulation Resistance

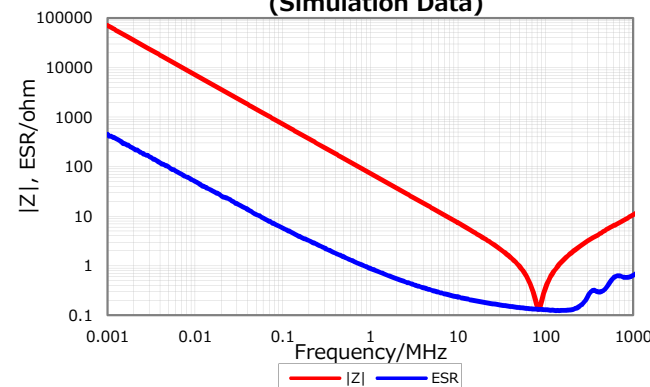
10Gohm Min

## AEC-Q200

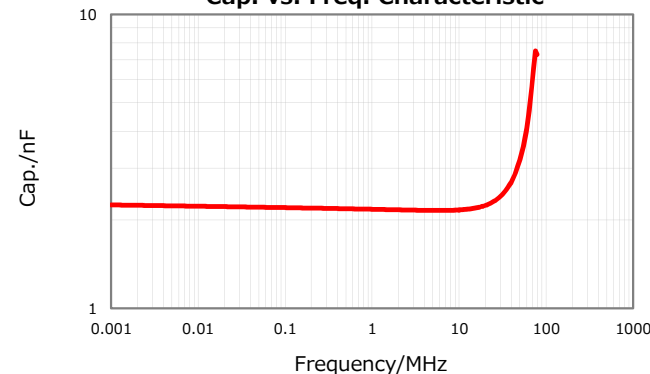
Not Applicable



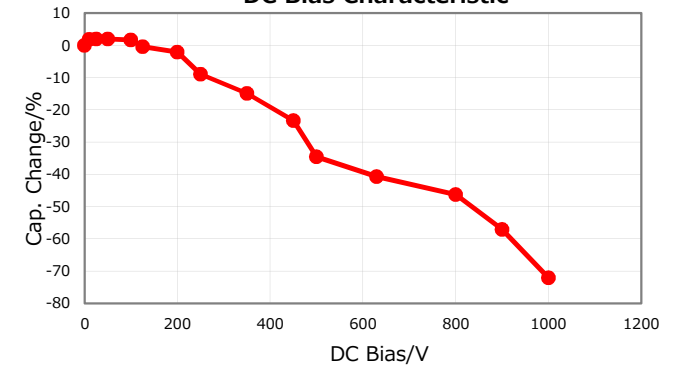
**|Z|, ESR vs. Freq. Characteristics  
(Simulation Data)**



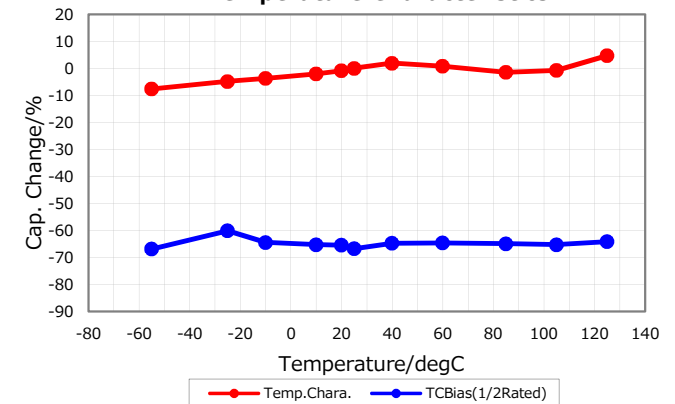
**Cap. vs. Freq. Characteristic**



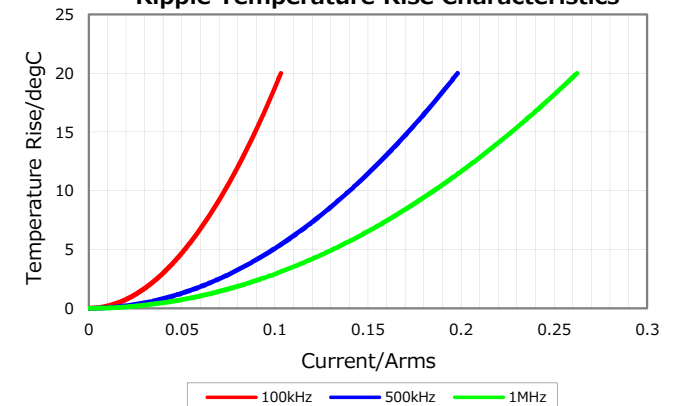
**DC Bias Characteristic**



**Temperature Characteristics**



**Ripple Temperature Rise Characteristics**



All specifications are subject to change without notice.

September 8, 2017