

# C1220X7R1C224M085AC

TDK Item Description : C1220X7R1C224MT\*\*\*\*



## Application & Main Feature

Commercial Grade ( Low ESL Reverse Geometry )

## Series

C1220 [EIA CC0508]



## Dimensions

L 1.25mm +/-0.2mm  
 W 2.00mm +/-0.2mm  
 T 0.85mm +/-0.15mm  
 B 0.20mm Min.

## Temperature Characteristic

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

## Rated Voltage

1C (16Vdc)

## Capacitance

220nF

## Capacitance Tolerance

M (+/-20%)

## Dissipation Factor

5% Max.

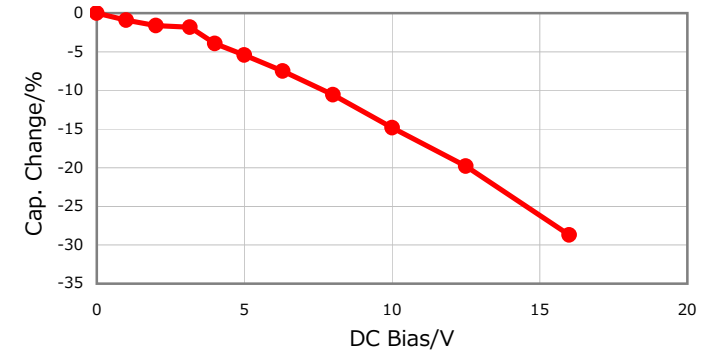
## Insulation Resistance

454Mohm Min.

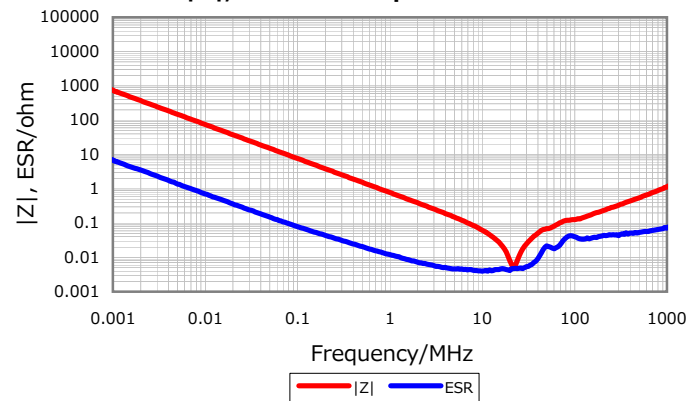
## AEC-Q200

Not Applicable

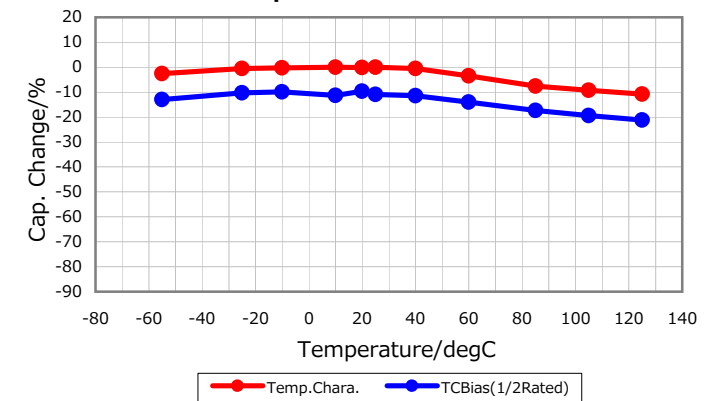
## DC Bias Characteristic



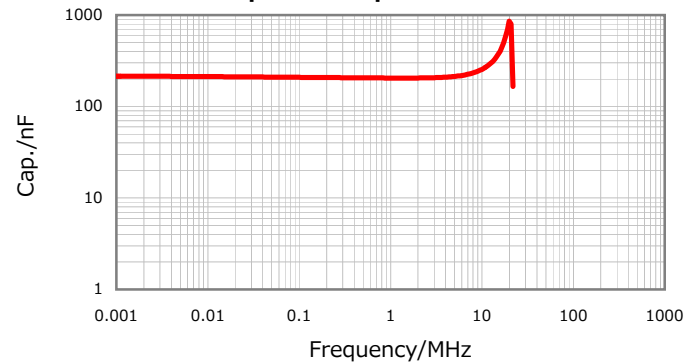
## |Z|, ESR vs. Freq. Characteristics



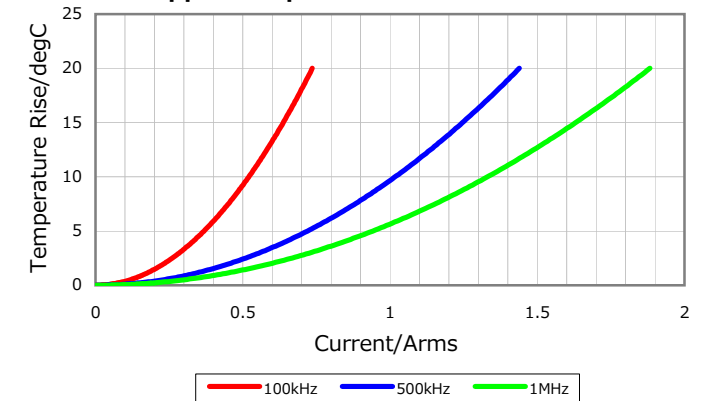
## Temperature Characteristics



## Cap. vs. Freq. Characteristic



## Ripple Temperature Rise Characteristics



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



⚠ All specifications are subject to change without notice.