

# C3216X8R1C475M160AE

TDK Item Description : C3216X8R1C475MT\*\*\*S



## Application & Main Feature

Commercial Grade ( Soft Termination )

## Series

C3216 [EIA 1206]

## Dimensions

|   |                    |
|---|--------------------|
| L | 3.20mm +0.4,-0.2mm |
| W | 1.60mm +0.3,-0.2mm |
| T | 1.60mm +0.3,-0.2mm |
| B | 0.20mm Min.        |
| G | 1.00mm Min.        |

## Temperature Characteristic

X8R (-55 to 150 degC  $\pm 15\%$ )

## Rated Voltage

1C (16Vdc)

## Capacitance

4.7 $\mu$ F

## Capacitance Tolerance

M (+/-20%)

## Dissipation Factor

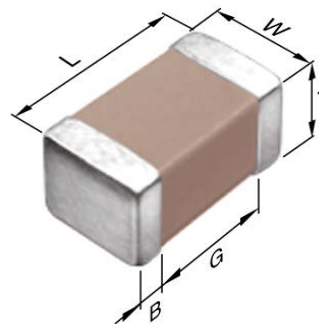
5% Max.

## Insulation Resistance

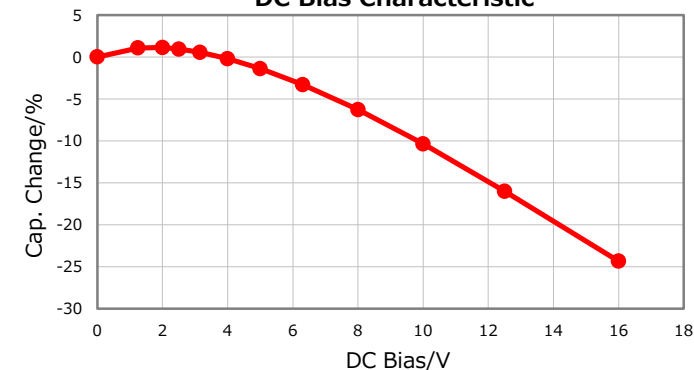
21Mohm Min.

## AEC-Q200

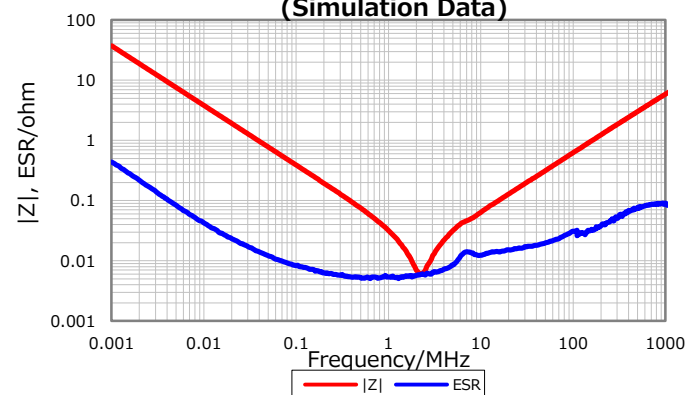
Not Applicable



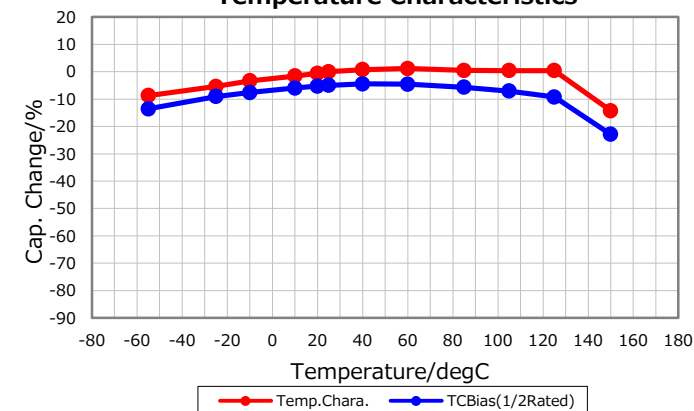
## DC Bias Characteristic



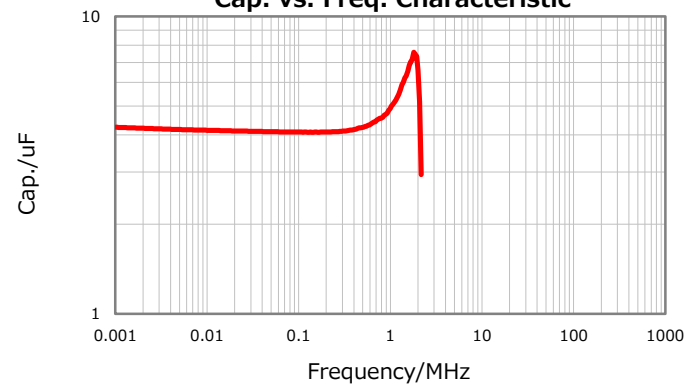
## |Z|, ESR vs. Freq. Characteristics (Simulation Data)



## Temperature Characteristics



## Cap. vs. Freq. Characteristic



## Ripple Temperature Rise Characteristics

