

# C3216X5R1A336M160AB

--- Multilayer Ceramic Chip Capacitor (MLCC) ---



## Application & Main Feature

Commercial Grade ( General (Up to 50V) )

## Series

C3216 [EIA CC1206]



## Dimensions

L 3.20mm +/-0.2mm  
 W 1.60mm +/-0.2mm  
 T 1.60mm +/-0.2mm  
 B 0.20mm Min.  
 G 1.00mm Min.

## Temperature Characteristic

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

## Rated Voltage

1A (10Vdc)

## Capacitance

33uF

## Capacitance Tolerance

M (+/-20%)

## Dissipation Factor

10% Max.

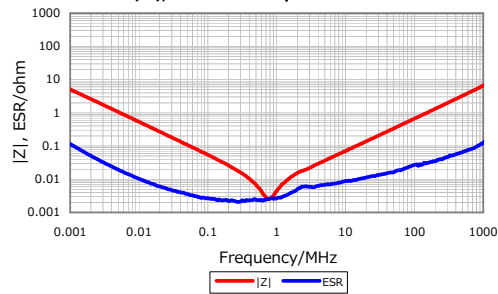
## Insulation Resistance

3Mohm Min.

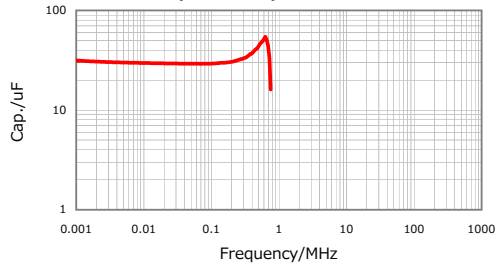
## AEC-Q200

Not Applicable

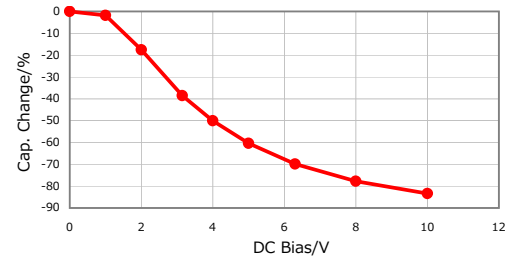
**|Z|, ESR vs. Freq. Characteristics**



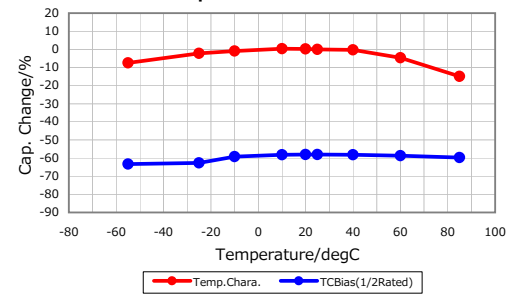
**Cap. vs. Freq. Characteristic**



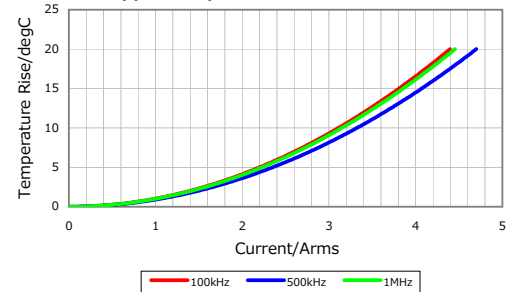
**DC Bias Characteristic**



**Temperature Characteristic**



**Ripple Temperature Rise Characteristic**



Characterization Sheet



All specifications are subject to change without notice.

December 22, 2012