

# C1608X5R1C684M080AA

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



## Application & Main Feature

Commercial Grade ( General (Up to 50V) )

## Series

C1608 [EIA CC0603]



## Dimensions

L 1.60mm +/-0.1mm  
 W 0.80mm +/-0.1mm  
 T 0.80mm +/-0.1mm  
 B 0.20mm Min.  
 G 0.30mm Min.

## Temperature Characteristic

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

## Rated Voltage

1C (16Vdc)

## Capacitance

680nF

## Capacitance Tolerance

M (+/-20%)

## Dissipation Factor

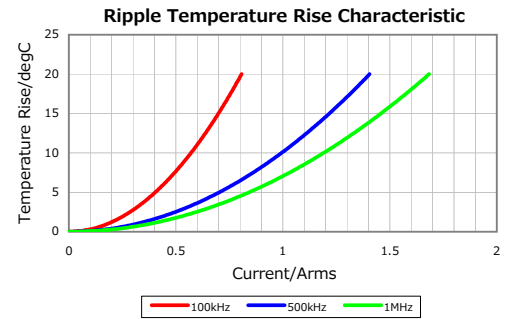
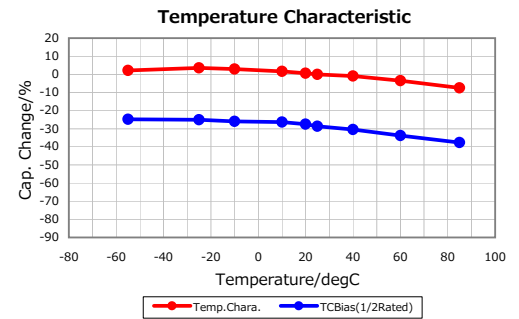
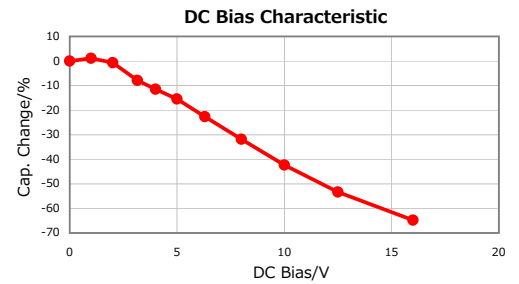
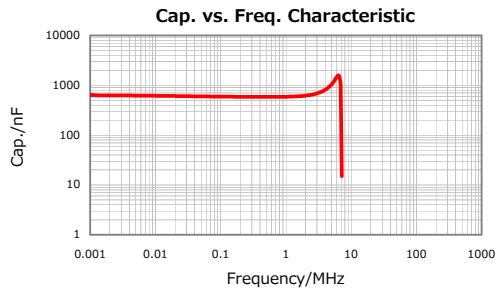
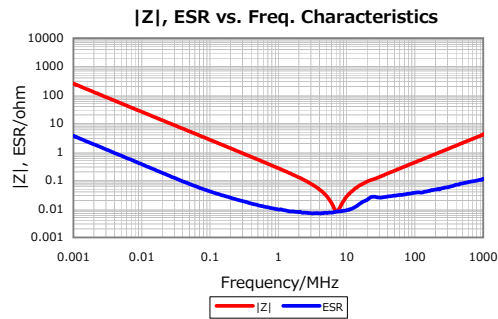
5% Max.

## Insulation Resistance

147Mohm Min.

## AEC-Q200

Not Applicable



Characterization Sheet



All specifications are subject to change without notice.

December 22, 2012