

# C2012X7R1C105M085AA

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



## Application & Main Feature

Commercial Grade ( General (Up to 50V) )

## Series

C2012 [EIA CC0805]



## Dimensions

L 2.00mm +/-0.2mm  
 W 1.25mm +/-0.2mm  
 T 0.85mm +/-0.15mm  
 B 0.20mm Min.  
 G 0.50mm Min.

## Temperature Characteristic

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

## Rated Voltage

1C (16Vdc)

## Capacitance

1uF

## Capacitance Tolerance

M (+/-20%)

## Dissipation Factor

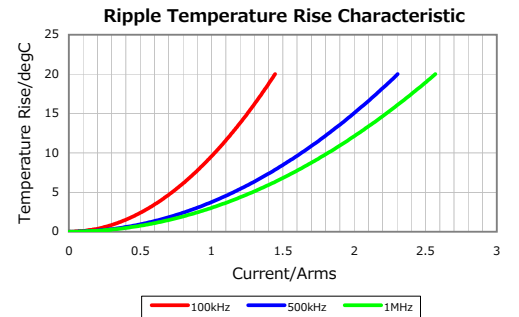
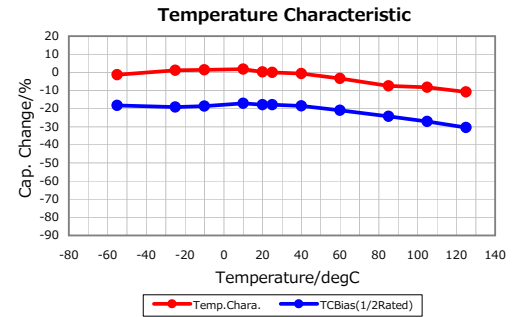
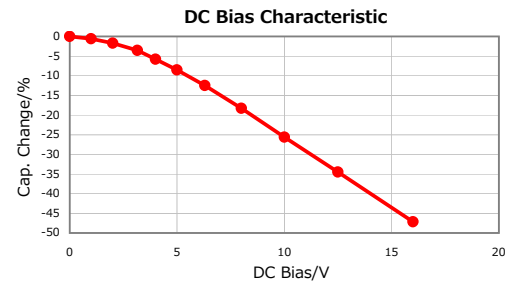
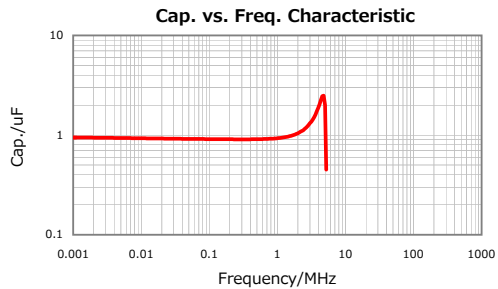
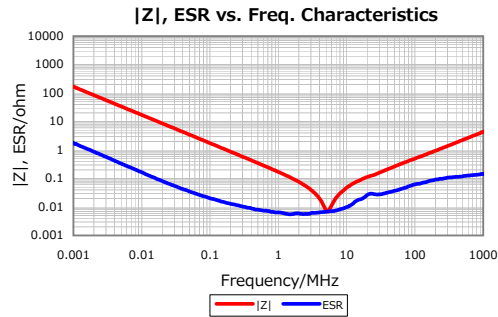
5% Max.

## Insulation Resistance

100Mohm Min.

## AEC-Q200

Not Applicable



Characterization Sheet



All specifications are subject to change without notice.

December 22, 2012