

# C3216CH2E682J160AA

TDK Item Description : C3216CH2E682JT\*\*\*\*



## Application & Main Feature

Commercial Grade ( Mid Voltage (100 to 630V) )

## 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

CH (-25 to 85 degC 0+/-60ppm/degC)

## Rated Voltage

2E (250Vdc)

## Capacitance

6.8nF

## Capacitance Tolerance

J (+/-5%)

## Q Factor

1000 Min.

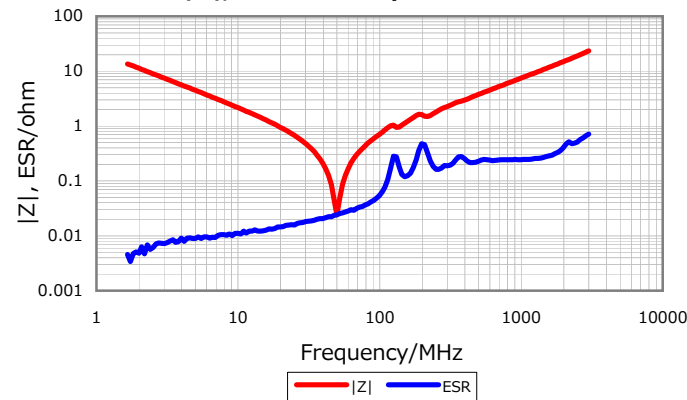
## Insulation Resistance

10Gohm Min.

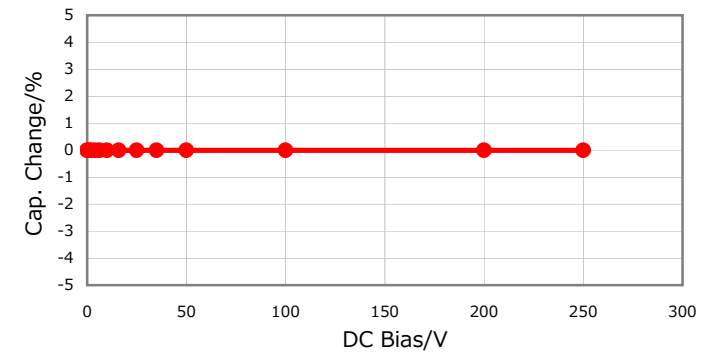
## AEC-Q200

Not Applicable

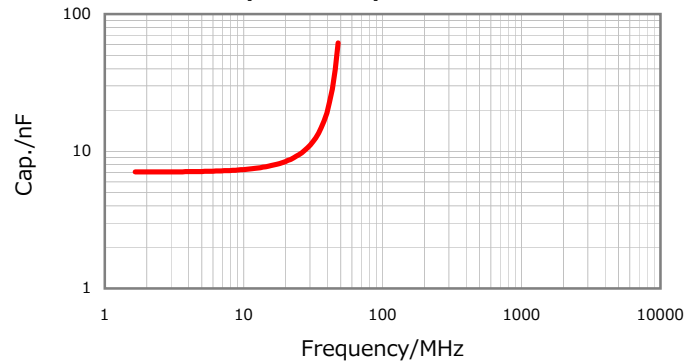
### |Z|, ESR vs. Freq. Characteristics



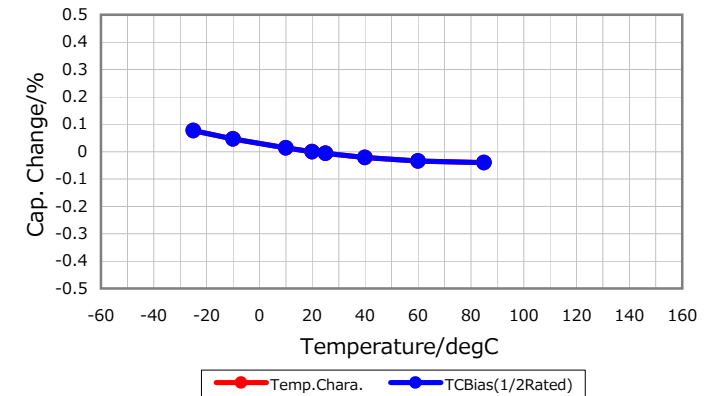
### DC Bias Characteristic



### Cap. vs. Freq. Characteristic



### Temperature Characteristic



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

February 3, 2014

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Multilayer Ceramic Capacitors MLCC - SMD/SMT](#) category:*

*Click to view products by [TDK](#) manufacturer:*

Other Similar products are found below :

[M39014/01-1467](#) [M39014/02-1218V](#) [M39014/02-1225V](#) [M39014/02-1262V](#) [M39014/02-1301](#) [M39014/22-0631](#) [1210J5000102JCT](#)  
[1210J2K00102KXT](#) [1210J5000103KXT](#) [1210J5000223KXT](#) [D55342E07B379BR-TR](#) [D55342E07B523DR-T/R](#) [1812J1K00103KXT](#)  
[1812J1K00473KXT](#) [1812J2K00680JCT](#) [1812J4K00102MXT](#) [1812J5000102JCT](#) [1812J5000103JCT](#) [1812J5000682JCT](#) [NIN-FB391JTRF](#)  
[NIN-FC2R7JTRF](#) [NPIS27H102MTRF](#) [C1206C101J1GAC](#) [C1608C0G1E472JT000N](#) [C2012C0G2A472J](#) [2220J2K00101JCT](#)  
[KHC201E225M76N0T00](#) [LRC-LRF1206LF-01R025FTR1K](#) [1812J1K00222JCT](#) [1812J2K00102KXT](#) [1812J2K00222KXT](#)  
[1812J2K00472KXT](#) [2-1622820-7-CUT-TAPE](#) [2220J3K00102KXT](#) [2225J2500824KXT](#) [CCR07CG103KM](#) [CGA2B2C0G1H010C](#)  
[CGA2B2C0G1H040C](#) [CGA2B2C0G1H050C](#) [CGA2B2C0G1H060D](#) [CGA2B2C0G1H070D](#) [CGA2B2C0G1H151J](#) [CGA2B2C0G1H1R5C](#)  
[CGA2B2C0G1H2R2C](#) [CGA2B2C0G1H3R3C](#) [CGA2B2C0G1H680J](#) [CGA2B2C0G1H6R8D](#) [CGA2B2X8R1H221K](#) [CGA2B2X8R1H472K](#)  
[CGA3E1X7R1C474K](#)