

# CGA6M2NP01H683J200AA

TDK Item Description : CGA6M2NP01H683JT\*\*\*\*



Equivalent C3225NP01H683J for Automotive

## Application & Main Feature

Automotive Grade ( High Temperature Application )

## Series

CGA6(3225) [EIA CC1210]



## Dimensions

L 3.20mm +/-0.4mm  
 W 2.50mm +/-0.3mm  
 T 2.00mm +/-0.2mm  
 B 0.20mm Min.  
 G

## Temperature Characteristic

NP0 (-55 to 150 degC 0+/-30ppm/degC)

## Rated Voltage

1H (50Vdc)

## Capacitance

68nF

## Capacitance Tolerance

J (+/-5%)

## Q Factor

1000 Min.

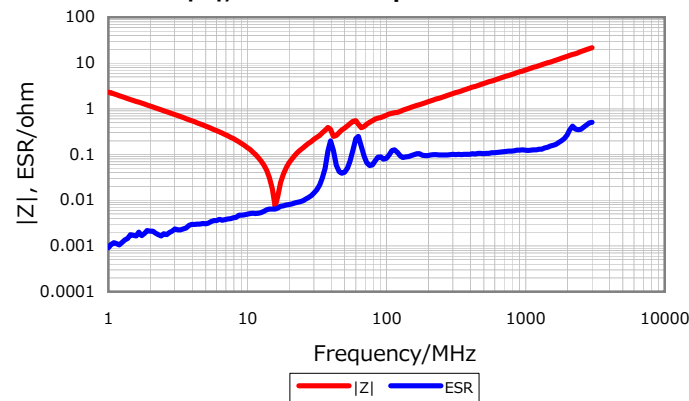
## Insulation Resistance

7.35Gohm Min.

## AEC-Q200

Yes

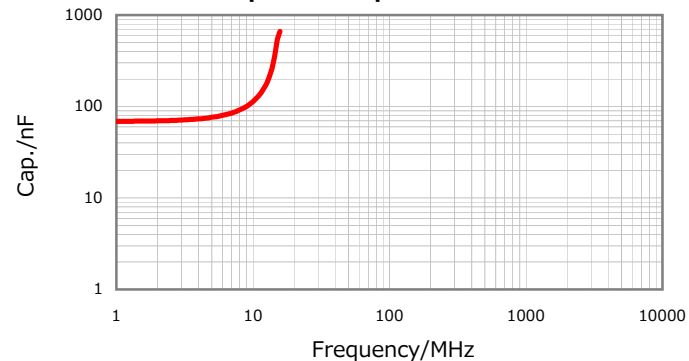
**|Z|, ESR vs. Freq. Characteristics**



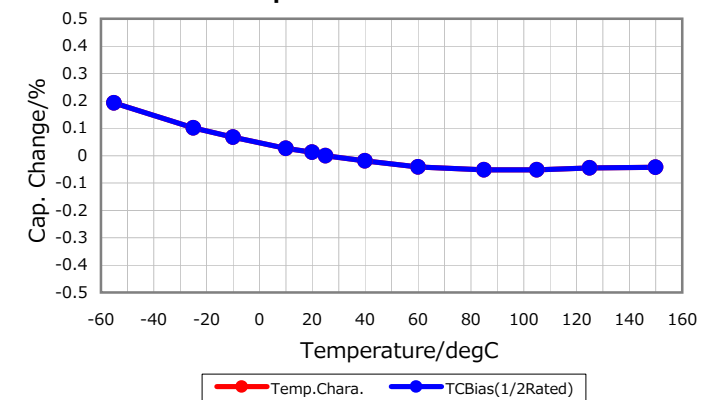
**DC Bias Characteristic**



**Cap. vs. Freq. Characteristic**



**Temperature Characteristics**



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

January 4, 2016