

CGA5H4C0G2W682J115AE

TDK Item Description : CGA5H4C0G2W682JT***S



Equivalent C3216C0G2W682J for Automotive

Application & Main Feature

Automotive Grade (Soft Termination)

Series

CGA5(3216) [EIA 1206]

Dimensions

L	3.20mm +0.4,-0.2mm
W	1.60mm +0.3,-0.2mm
T	1.15mm ±0.15mm
B	0.20mm Min.
G	1.00mm Min.

Temperature Characteristic

C0G (-55 to 125 degC 0+/-30ppm/degC)

Rated Voltage

2W(450Vdc)

Capacitance

6.8nF

Capacitance Tolerance

J (±5%)

Q Factor

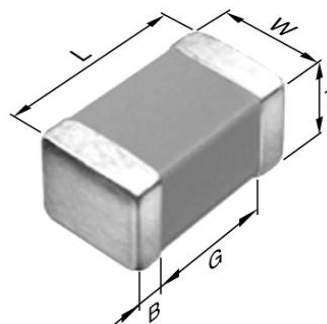
1000 Min.

Insulation Resistance

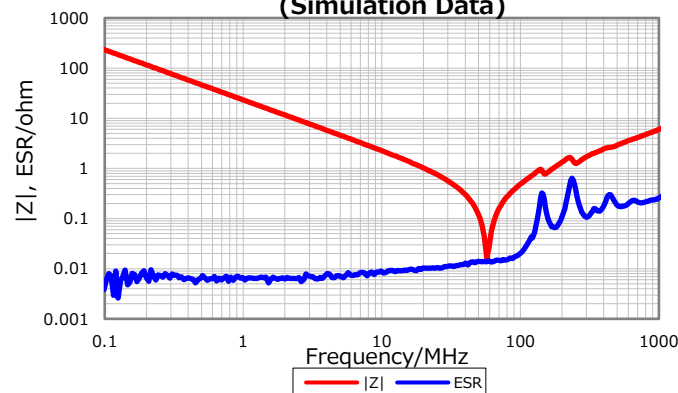
10Gohm Min

AEC-Q200

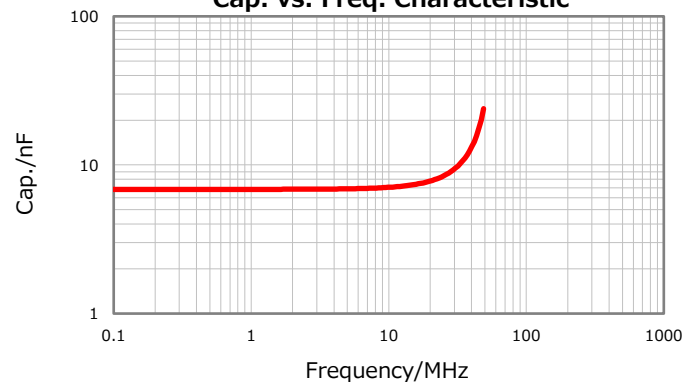
Yes



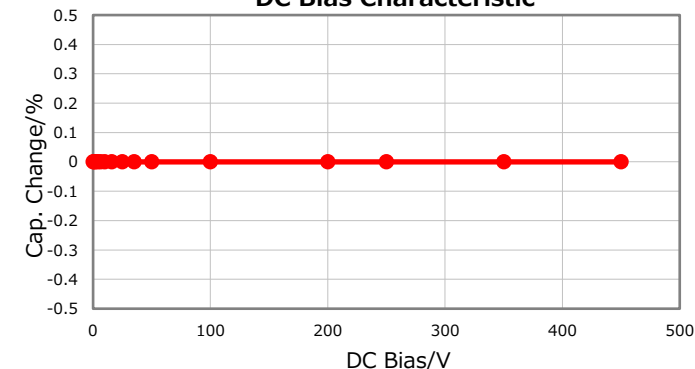
**|Z|, ESR vs. Freq. Characteristics
(Simulation Data)**



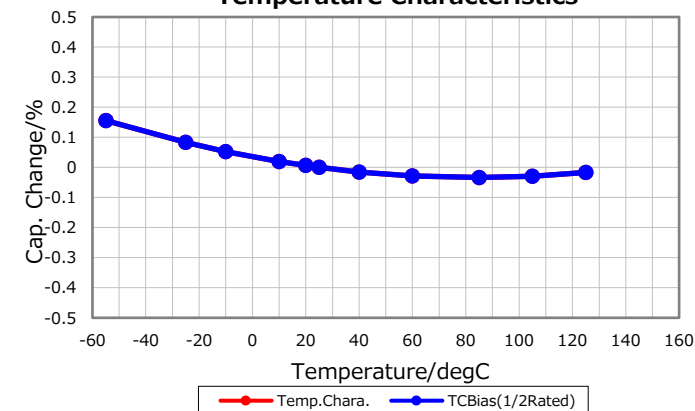
Cap. vs. Freq. Characteristic



DC Bias Characteristic



Temperature Characteristics



Ripple Temperature Rise Characteristics

