

CGA4J2C0G2A562J125AA

TDK Item Description : CGA4J2C0G2A562JT***



Equivalent C2012C0G2A562J for Automotive

Application & Main Feature

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

Series

CGA4(2012) [EIA 0805]

Dimensions

L	2.00mm ±0.20mm
W	1.25mm ±0.20mm
T	1.25mm ±0.20mm
B	0.20mm Min.
G	0.50mm Min.

Temperature Characteristic

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

Rated Voltage

2A(100Vdc)

Capacitance

5.6nF

Capacitance Tolerance

J (±5%)

Q Factor

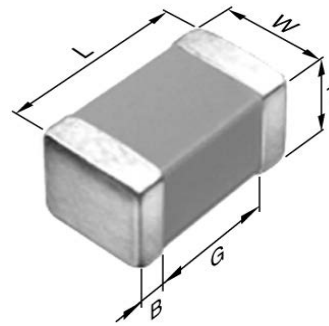
1000 Min.

Insulation Resistance

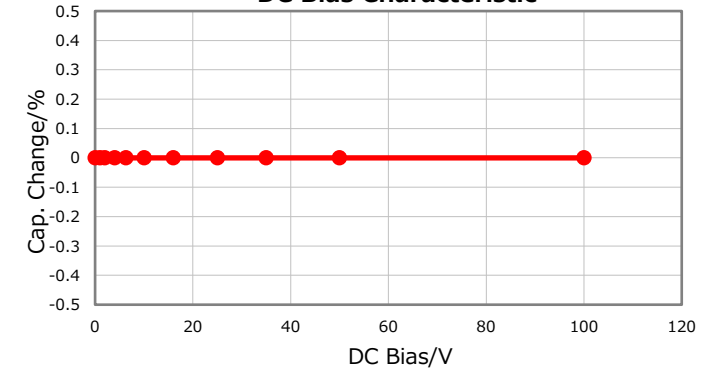
10Gohm Min

AEC-Q200

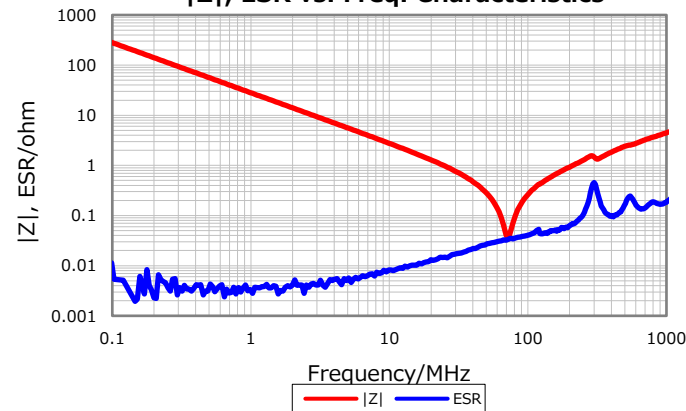
Yes



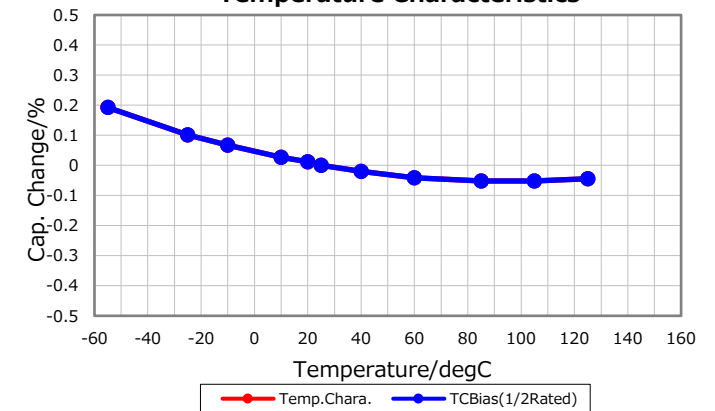
DC Bias Characteristic



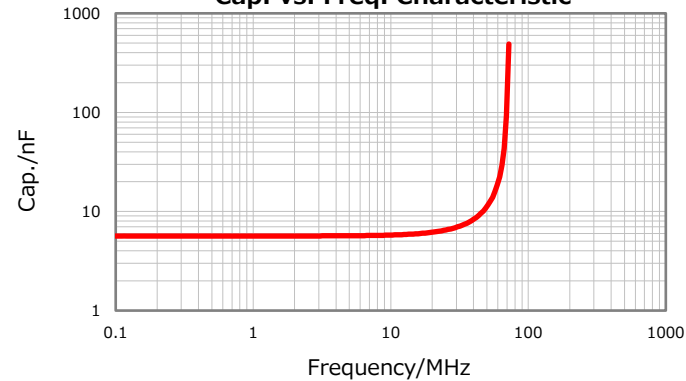
|Z|, ESR vs. Freq. Characteristics



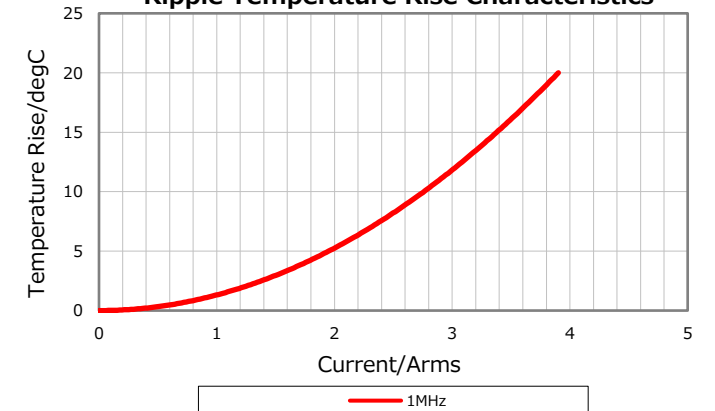
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

July 2, 2019