

CGA4J2X5R1H224M125AA

TDK Item Description : CGA4J2X5R1H224MT****



Equivalent C2012X5R1H224M for Automotive

Application & Main Feature

Automotive Grade (General (Up to 50V))

Series

CGA4(2012) [EIA CC0805]



Dimensions

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

Temperature Characteristic

X5R (-55 to 85 degC +/-15%)

Rated Voltage

1H (50Vdc)

Capacitance

220nF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

3% Max.

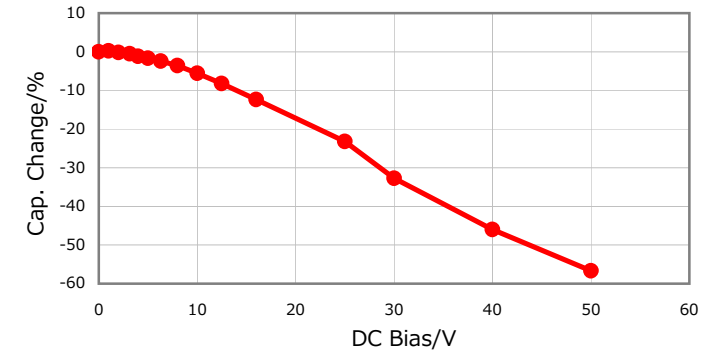
Insulation Resistance

2.27Gohm Min.

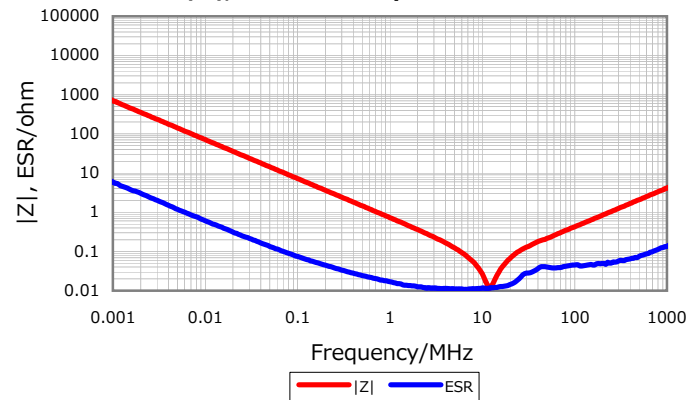
AEC-Q200

Yes

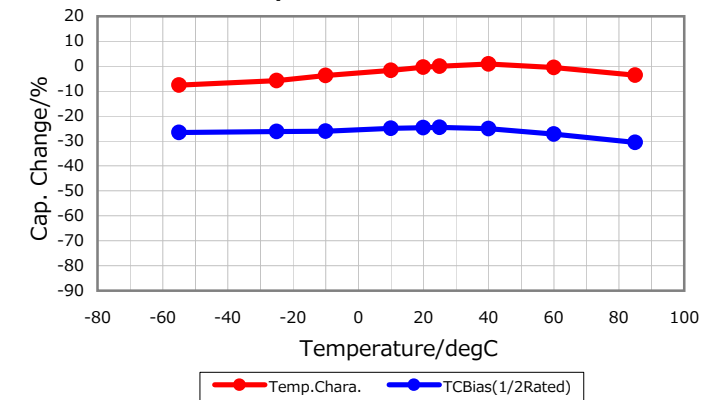
DC Bias Characteristic



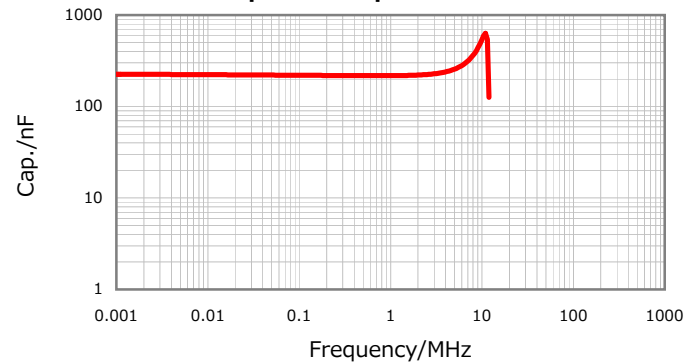
|Z|, ESR vs. Freq. Characteristics



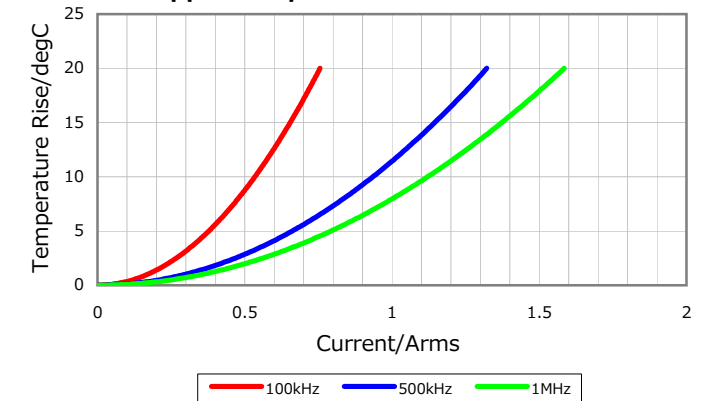
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

January 4, 2016