

CGA6M3X8R2A474M200AD

TDK Item Description : CGA6M3X8R2A474MT***B



Application & Main Feature

Automotive Grade (Conductive Epoxy Application)

Series

CGA6(3225) [EIA CC1210]



Dimensions

L 3.20mm +/-0.45mm
 W 2.50mm +/-0.3mm
 T 2.00mm +/-0.2mm
 B 0.20mm Min.
 G

Temperature Characteristic

X8R (-55 to 150 degC +/-15%)

Rated Voltage

2A (100Vdc)

Capacitance

470nF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

3% Max.

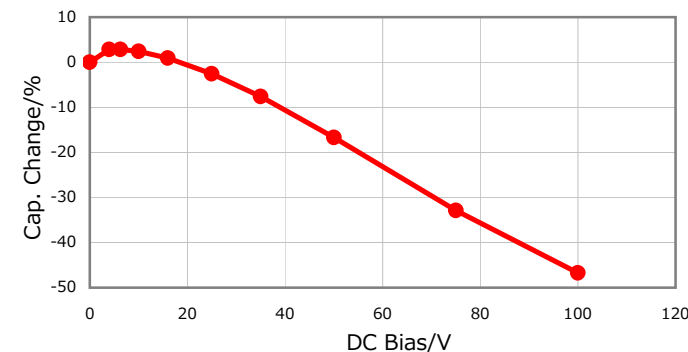
Insulation Resistance

1.06Gohm Min.

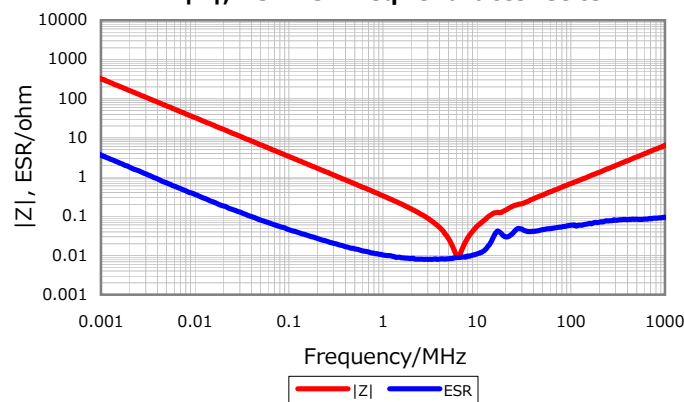
AEC-Q200

Yes

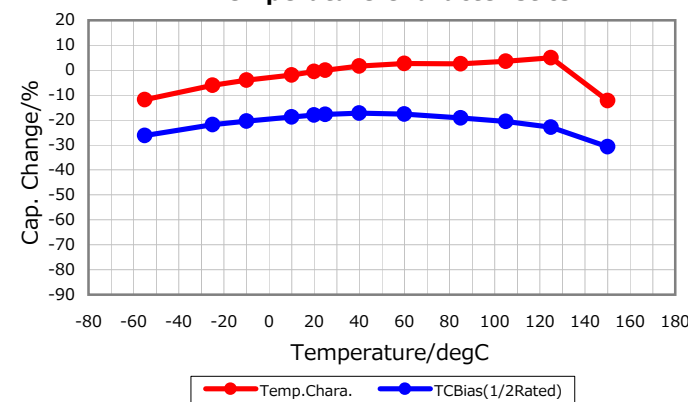
DC Bias Characteristic



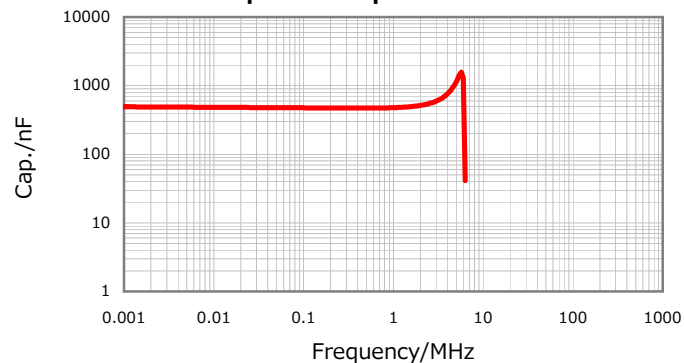
|Z|, ESR vs. Freq. Characteristics



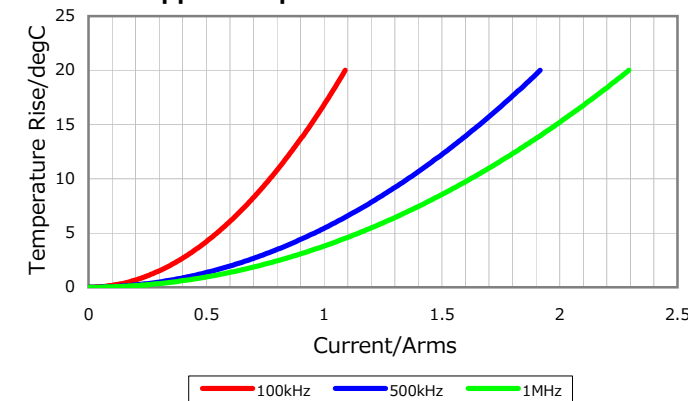
Temperature Characteristics



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