

CGA5H2X8R1E684M115AD

TDK Item Description : CGA5H2X8R1E684MT***B



Equivalent C3216X8R1E684M for Automotive

Application & Main Feature

Automotive Grade (Conductive Epoxy Application)

Series

CGA5(3216) [EIA CC1206]



Dimensions

- L 3.20mm +0.3,-0.1mm
- W 1.60mm +0.3,-0.1mm
- T 1.15mm +/-0.15mm
- B 0.20mm Min.
- G 1.00mm Min.

Temperature Characteristic

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

Rated Voltage

1E (25Vdc)

Capacitance

680nF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

3% Max.

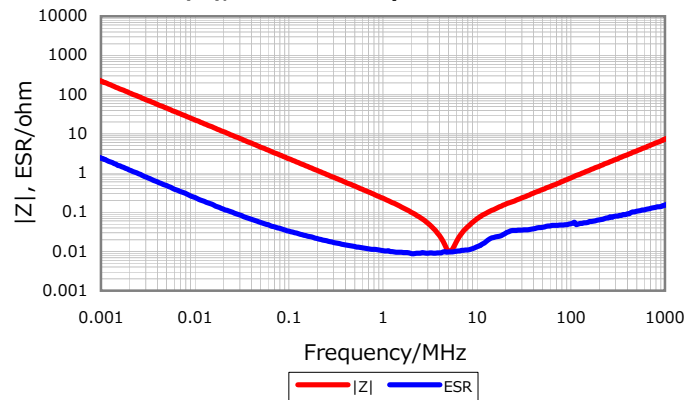
Insulation Resistance

735Mohm Min.

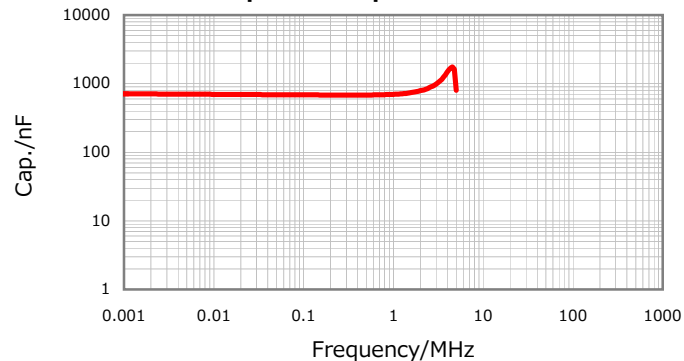
AEC-Q200

Yes

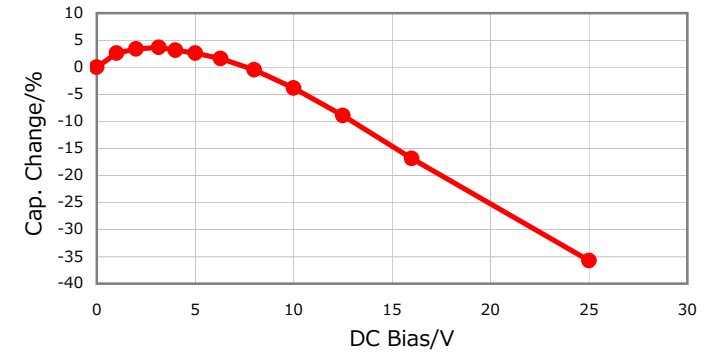
|Z|, ESR vs. Freq. Characteristics



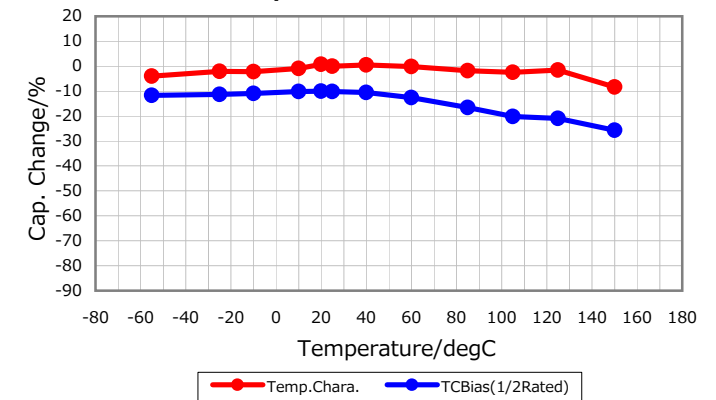
Cap. vs. Freq. Characteristic



DC Bias Characteristic



Temperature Characteristics



Ripple Temperature Rise Characteristics

