

CGA5L1X7R1V475K160AE

TDK Item Description : CGA5L1X7R1V475KT***S



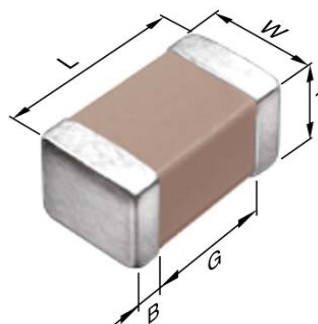
Equivalent C3216X7R1V475K for Automotive

Application & Main Feature

Automotive Grade (Soft Termination)

Series

CGA5(3216) [EIA CC1206]



Dimensions

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

Temperature Characteristic

X7R (-55 to 125 degC +/-15%)

Rated Voltage

1V (35Vdc)

Capacitance

4.7uF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

5% Max.

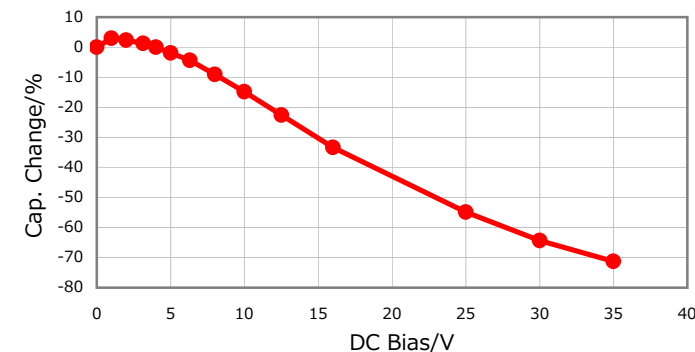
Insulation Resistance

106Mohm Min.

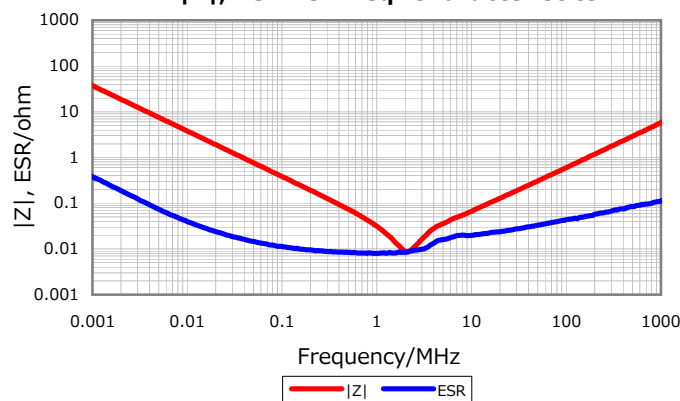
AEC-Q200

Yes

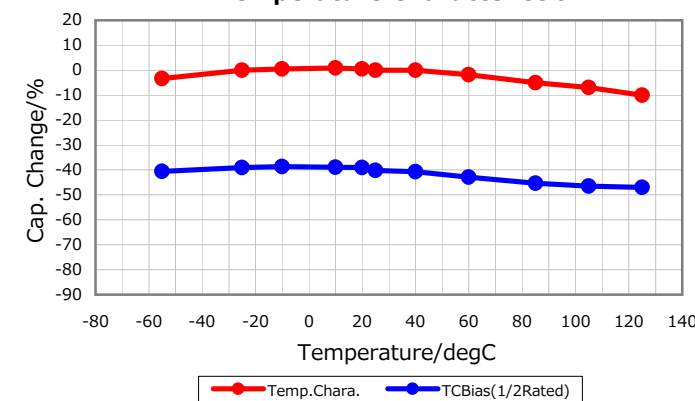
DC Bias Characteristic



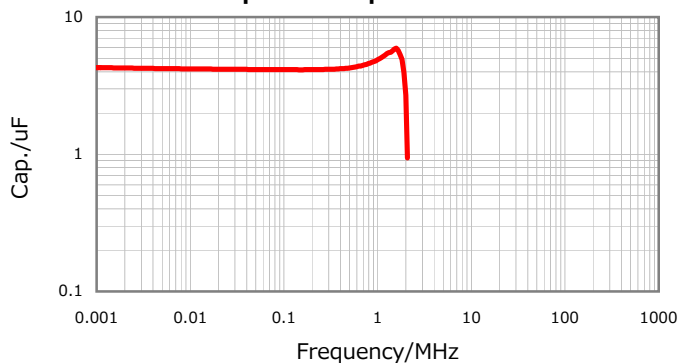
|Z|, ESR vs. Freq. Characteristics



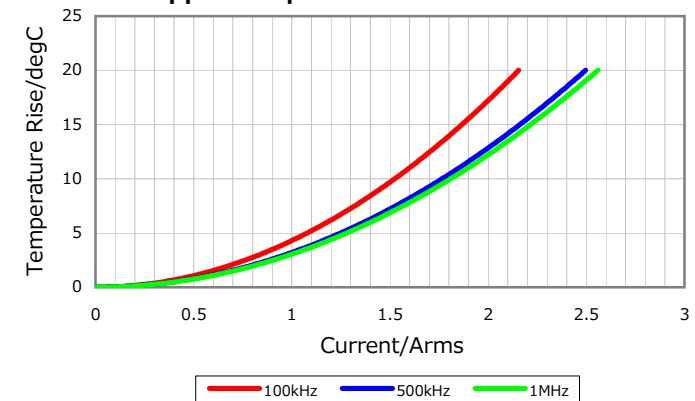
Temperature Characteristic



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristic



All specifications are subject to change without notice.

September 28, 2013