

CGA5L3X8R1C475M160AD

TDK Item Description : CGA5L3X8R1C475MT***B



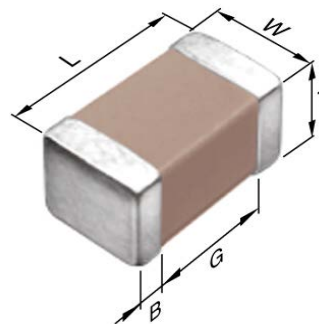
Equivalent C3216X8R1C475M for Automotive

Application & Main Feature

Automotive Grade (Conductive Epoxy Application)

Series

CGA5(3216) [EIA 1206]



Dimensions

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

Temperature Characteristic

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

Rated Voltage

1C(16Vdc)

Capacitance

4.7uF

Capacitance Tolerance

M (±20%)

Dissipation Factor

5% Max.

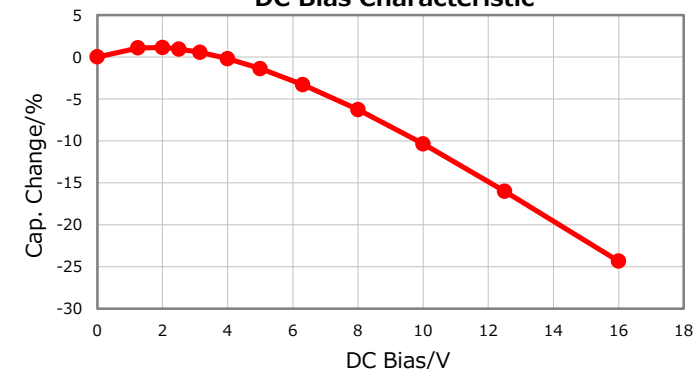
Insulation Resistance

21Mohm Min.

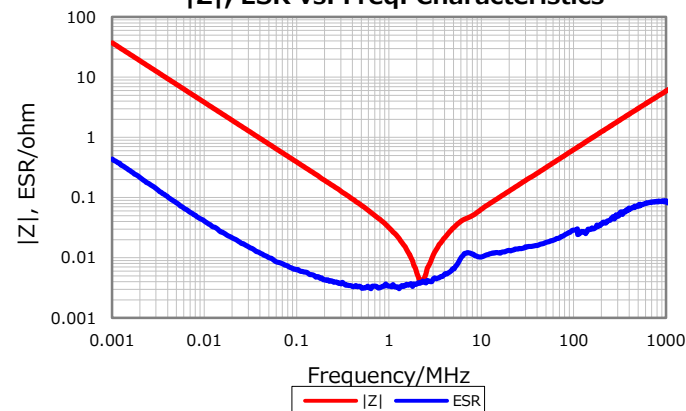
AEC-Q200

Yes

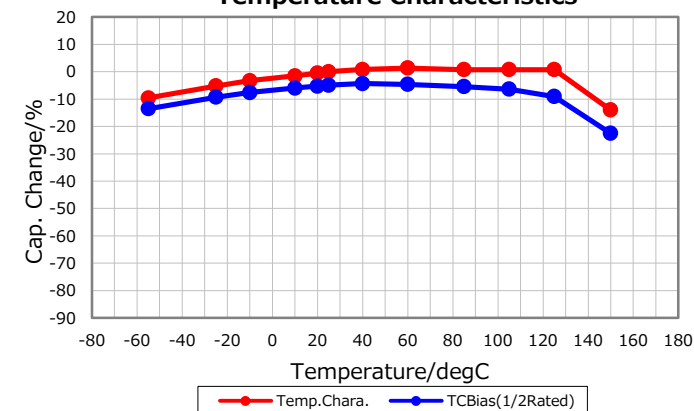
DC Bias Characteristic



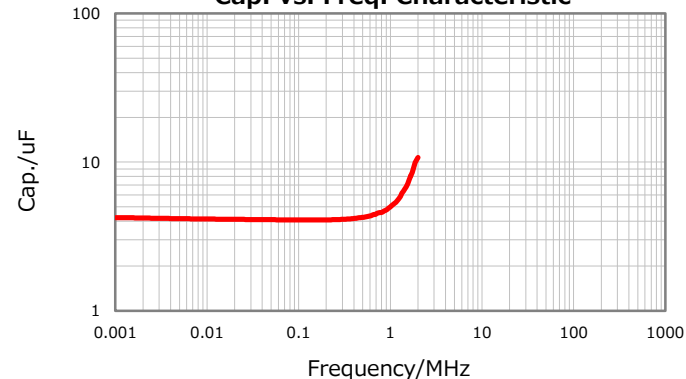
|Z|, ESR vs. Freq. Characteristics



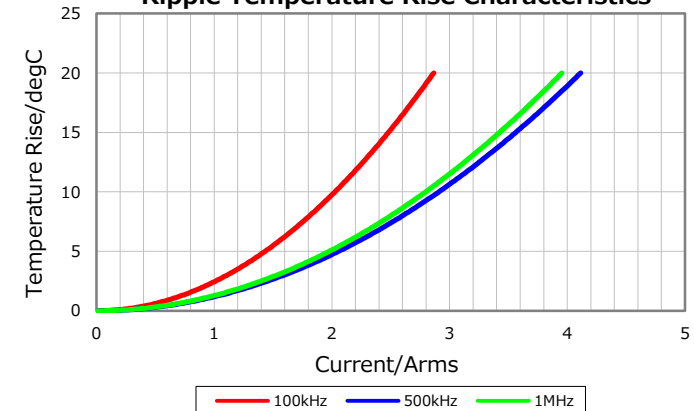
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

October 24, 2018