

CGA6N3X7S1H475K230AE

TDK Item Description : CGA6N3X7S1H475KT***S



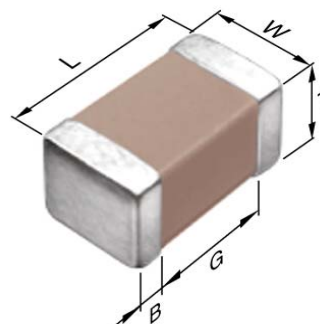
Equivalent C3225X7S1H475K for Automotive

Application & Main Feature

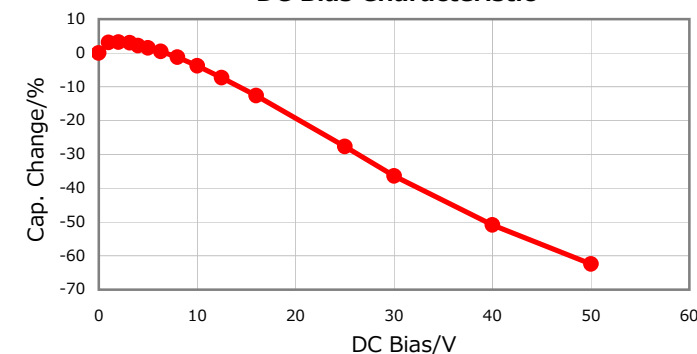
Automotive Grade (Soft Termination)

Series

CGA6(3225) [EIA CC1210]



DC Bias Characteristic



Dimensions

L 3.20mm +0.5,-0.4mm
W 2.50mm +/-0.3mm
T 2.30mm +0.3,-0.2mm
B 0.20mm Min.
G

Temperature Characteristic

X7S (-55 to 125 degC +/-22%)

Rated Voltage

1H (50Vdc)

Capacitance

4.7uF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

5% Max.

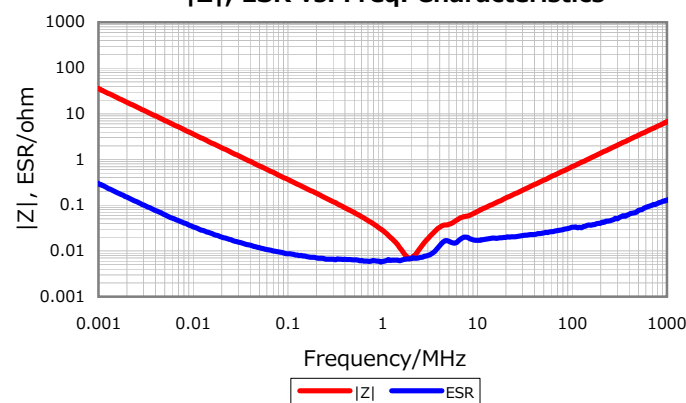
Insulation Resistance

106Mohm Min.

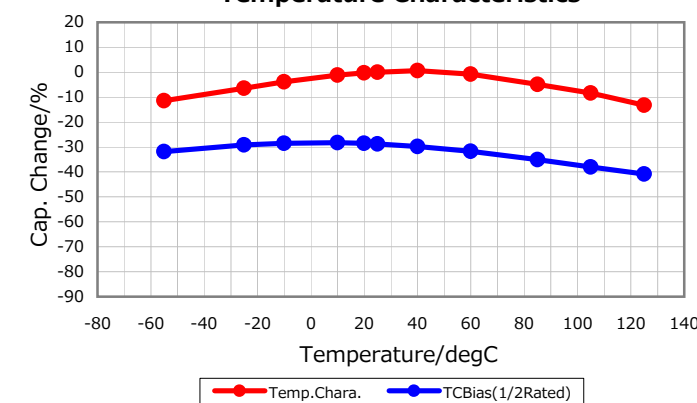
AEC-Q200

Yes

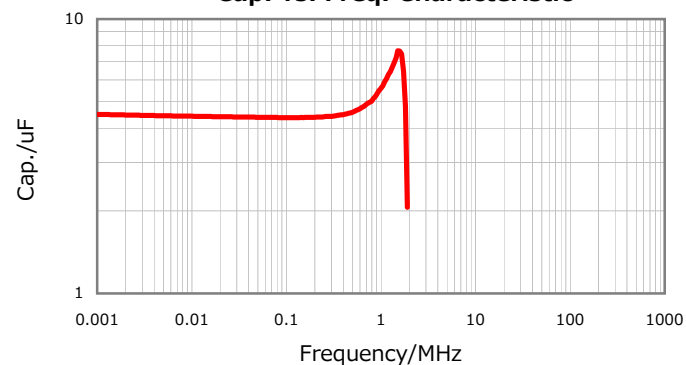
|Z|, ESR vs. Freq. Characteristics



Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics

