

CGA5L2X7R2A474K160AE

TDK Item Description : CGA5L2X7R2A474KT**S



Equivalent C3216X7R2A474K 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

2A (100Vdc)

Capacitance

470nF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

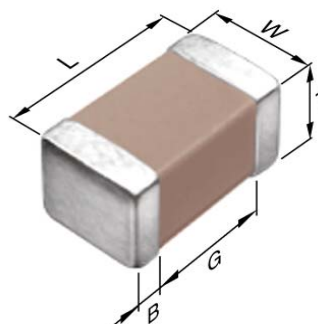
3% Max.

Insulation Resistance

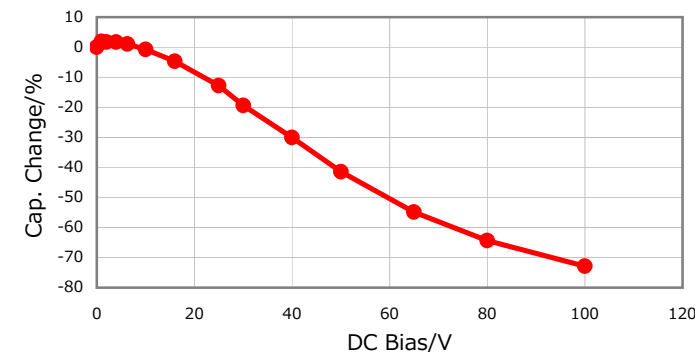
1.06Gohm Min.

AEC-Q200

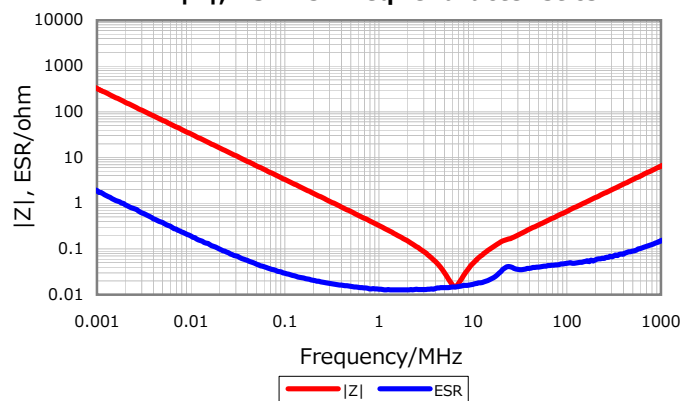
Yes



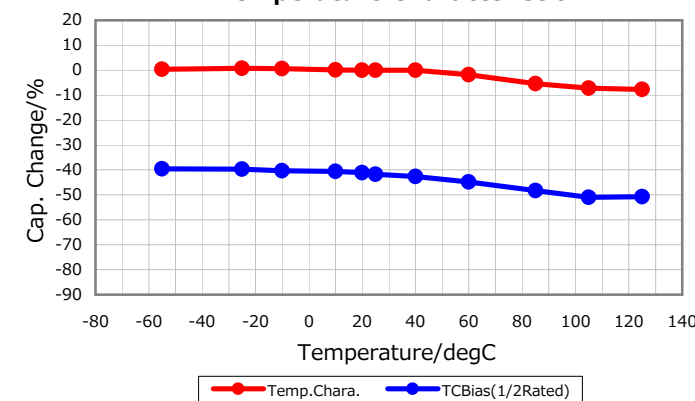
DC Bias Characteristic



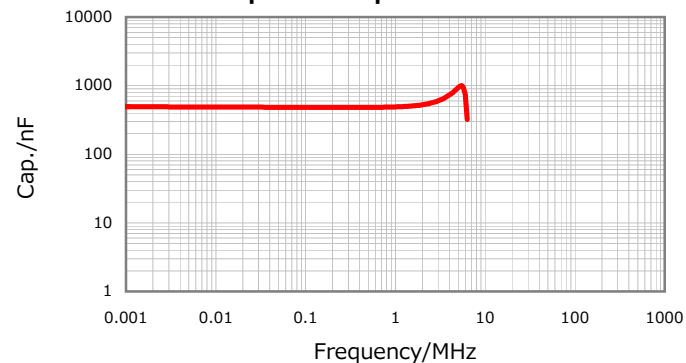
|Z|, ESR vs. Freq. Characteristics



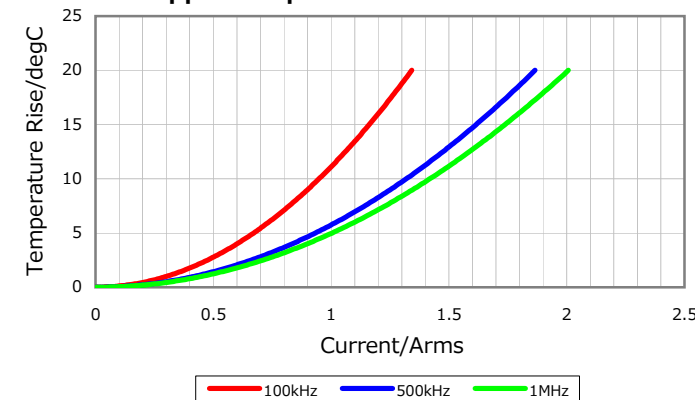
Temperature Characteristic



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristic



All specifications are subject to change without notice.

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Mouser Electronics

Authorized Distributor

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