CGA4J2X8R1H683K125AM

TDK Item Description : CGA4J2X8R1H683KT5***

Lead Free | Halogen Free | REACH | RoHS COMPLIANT

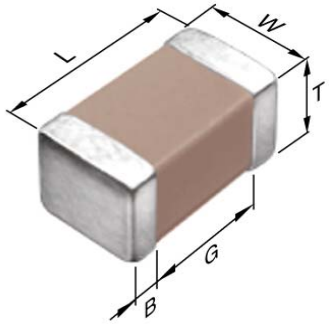
Equivalent C2012X8R1H683K for Automotive

Application & Main Feature

Automotive Grade (Open Mode)

Series

CGA4(2012) [EIA CC0805]



Dimensions

L	2.00mm +/-0.2mm
W	1.25mm +/-0.2mm
T	1.25mm +/-0.2mm
B	0.20mm Min.
G	0.50mm Min.

Temperature Characteristic

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

Rated Voltage

1H (50Vdc)

Capacitance

68nF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

3% Max.

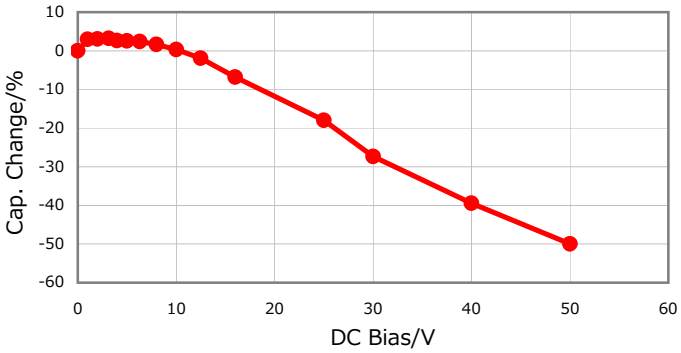
Insulation Resistance

7.35Gohm Min.

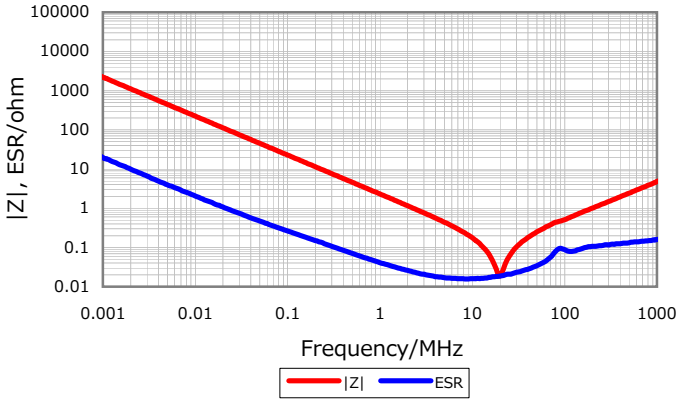
AEC-Q200

Yes

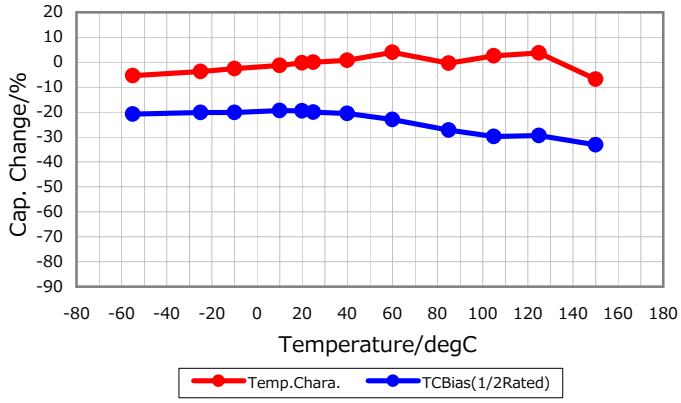
DC Bias Characteristic



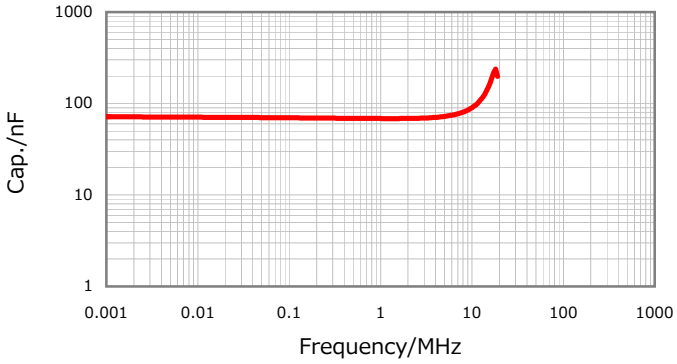
|Z|, ESR vs. Freq. Characteristics



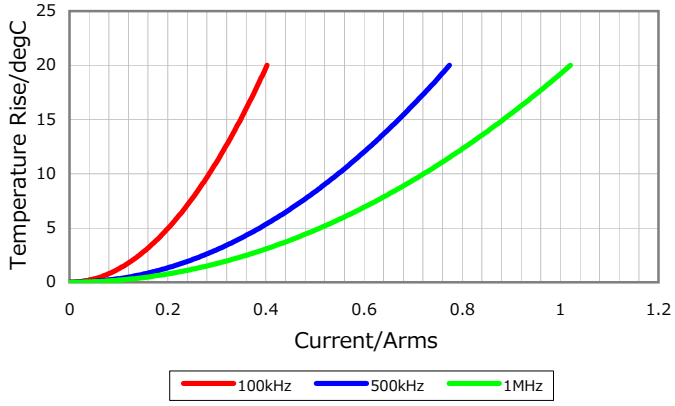
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)

TDK

All specifications are subject to change without notice.

January 4, 2016

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TDK:

C5750X7R2E105KT0L0U CGA9P1X7T2J474M250KC MLF2012DR22JT000 MLG1005SR39JTD25 AVRM1005C6R8NT101N B59721A0120A062 C0603X6S1C223K030BC VLS4012CX-1R5M-1 CGA3E2NP01H152J080AA MLG1005S36NJTD25 SPM5030T-R68M-HZ CGA2B2C0G1H101JT0Y0S CGA2B3X7S1A474K050BE MLD2016S4R7MTD25 B41231B8338M060 B82793C474N215 VLS5045EX-3R3N C1005X5R1V225K050BE CGA4J4X7T2W473K125AE CGA9Q4NP02W104J280KA MLP2012S3R3MT0S1 NLCV32T-R10M-PFR VLS201612CX-4R7M-1 YFF15AC0J105MT0Q0E ACM2520-601-2P-T002 B41252A6338M060 B57164K0101K000 C5750X7T2J474KT000N MLF1005G2R2KT000 MLJ1608WR10JT000