

Multilayer Ceramic Chip Capacitors

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Tech Notes

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FAQ

CGA3E1C0G2A822J080AC

?



TDK item description ? CGA3E1C0G2A822JT****

Applications



Automotive Grade

Feature

Mid

Mid Voltage (100 to 630V)

AEC-Q200

AEC-Q200

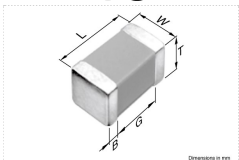
Series

CGA3(1608) [EIA 0603]

Status



Production



Images are for reference only and show exemplary products.

PDF file of this page



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Documents

Catalog

Specification

RoHS Certificate

SVHC/REACH Certificate

Characterization Sheet

Promotion Video

Sample Kits

Size

Length(L) 1.60mm ±0.10mm

Width(W) 0.80mm ±0.10mm

Thickness(T) 0.80mm ±0.10mm

Terminal Width(B) 0.20mm Min.

Terminal Spacing(G) 0.30mm Min.

Recommended Land Pattern (PA) 0.70mm to 1.00mm(Flow Soldering)
0.60mm to 0.80mm(Reflow Soldering)

Recommended Land Pattern (PB) 0.80mm to 1.00mm(Flow Soldering)
0.60mm to 0.80mm(Reflow Soldering)

Recommended Land Pattern (PC) 0.60mm to 0.80mm(Flow Soldering)
0.60mm to 0.80mm(Reflow Soldering)

Electrical Characteristics

Capacitance 8.2nF ±5%

Rated Voltage 100VDC

Temperature Characteristic ? C0G(0±30ppm/°C)

Q (Min.) 1000

Insulation Resistance (Min.) 10000MΩ

Other

Soldering Method Wave (Flow)
Reflow

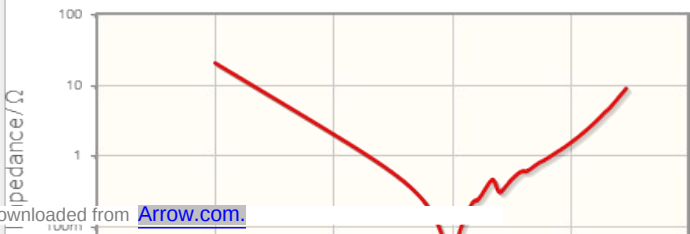
AEC-Q200 Yes

Packing Punched (Paper)Taping [180mm Reel]

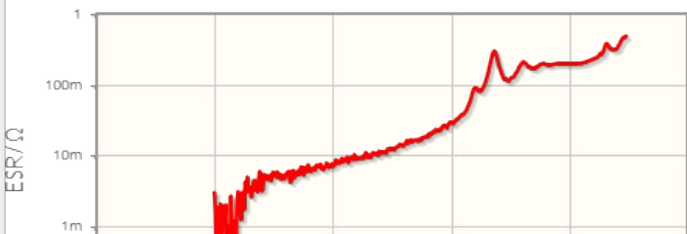
Package Quantity 4000pcs

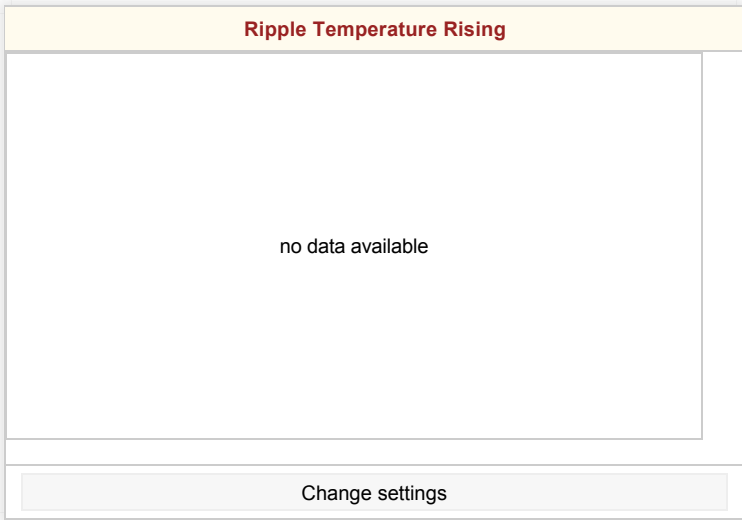
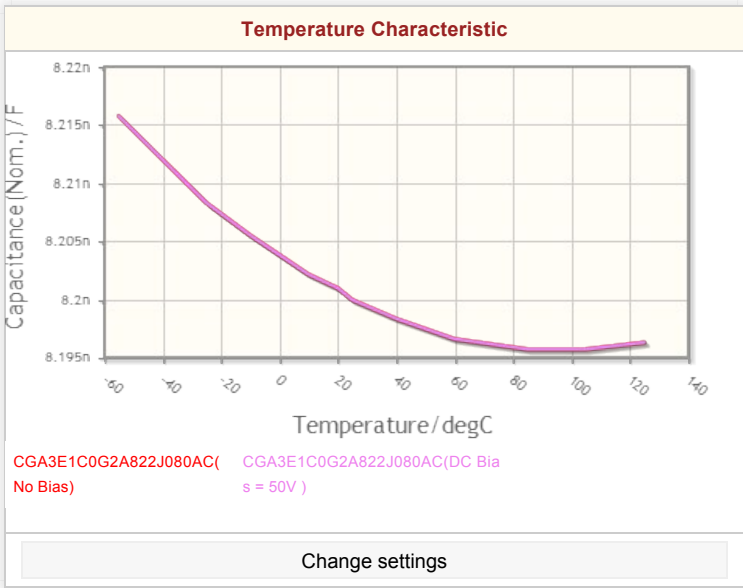
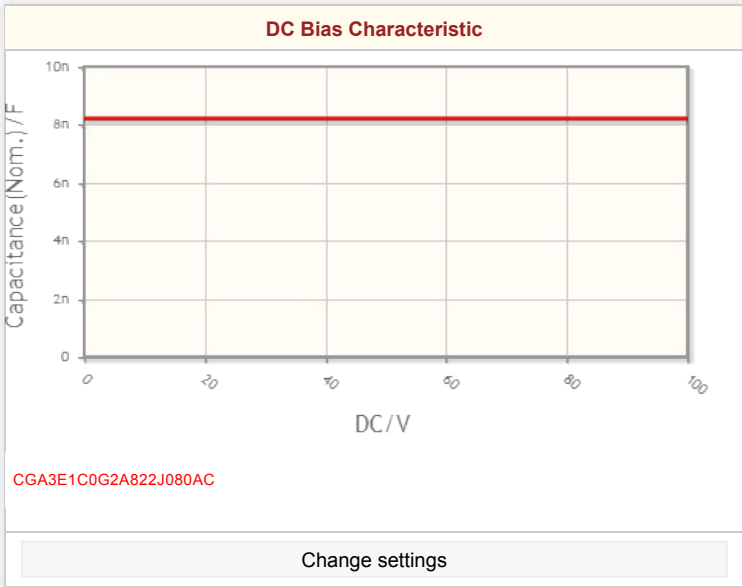
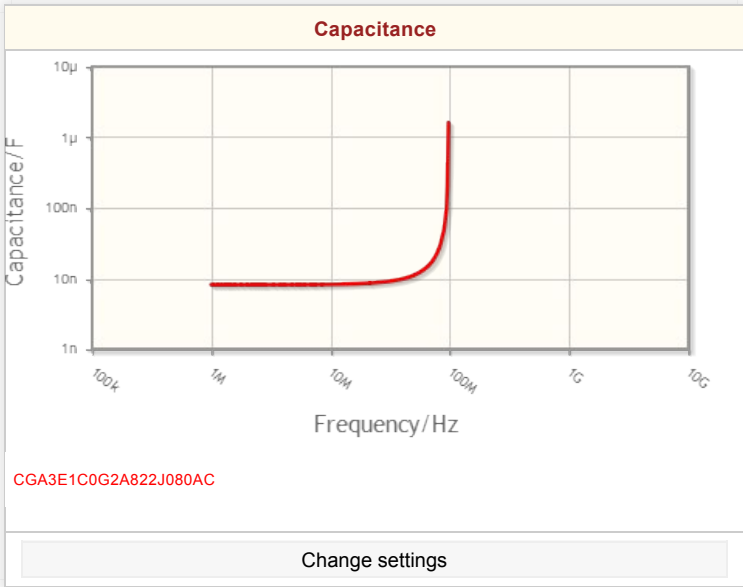
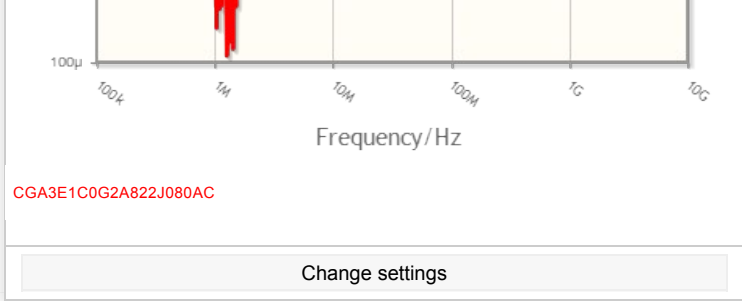
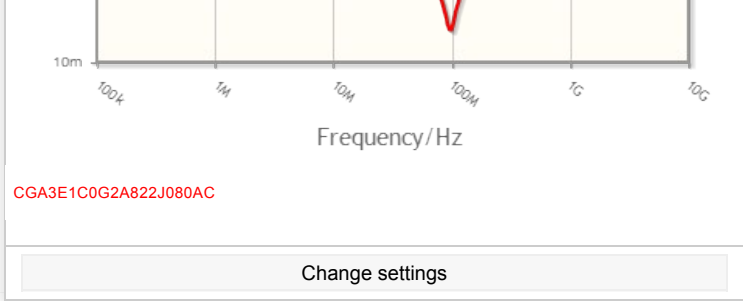
Characteristic Graph (This is reference data, and does not guarantee the products characteristics.)

Impedance



ESR





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