

Multilayer Ceramic Chip Capacitors

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CGA4J3NP02E472J125AA



TDK item description ? CGA4J3NP02E472JT****

Applications



Automotive Grade

Feature

Mid

Mid Voltage (100 to 630V)

150°C

High Temperature Application

AEC-Q200

AEC-Q200

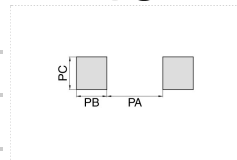
Series

CGA4(2012) [EIA 0805]

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) 2.00mm ±0.20mm

Width(W) 1.25mm ±0.20mm

Thickness(T) 1.25mm ±0.20mm

Terminal Width(B) 0.20mm Min.

Terminal Spacing(G)

Recommended Land Pattern (PA) 1.00mm to 1.30mm(Flow Soldering)
0.90mm to 1.20mm(Reflow Soldering)

Recommended Land Pattern (PB) 1.00mm to 1.20mm(Flow Soldering)
0.70mm to 0.90mm(Reflow Soldering)

Recommended Land Pattern (PC) 0.80mm to 1.10mm(Flow Soldering)
0.90mm to 1.20mm(Reflow Soldering)

Electrical Characteristics

Capacitance 4.7nF ±5%

Rated Voltage 250VDC

Temperature Characteristic ? NP0(0±30ppm/°C)

Q (Min.) 1000

Insulation Resistance (Min.) 10000MΩ

Other

Soldering Method Wave (Flow)
Reflow

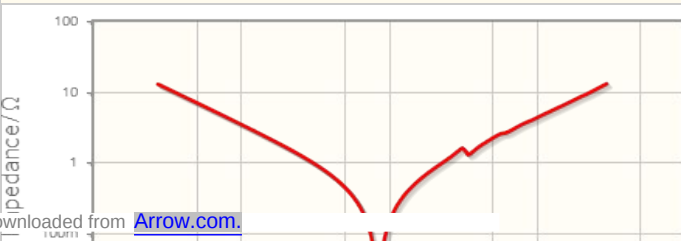
AEC-Q200 Yes

Packing Blister (Plastic)Taping [180mm Reel]

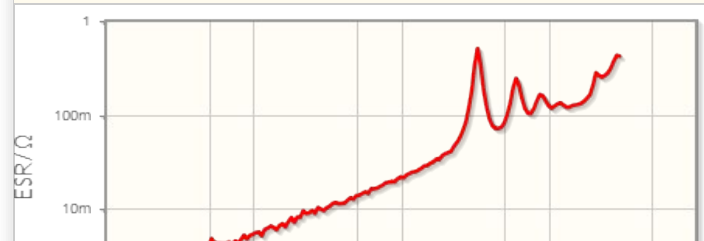
Package Quantity 2000pcs

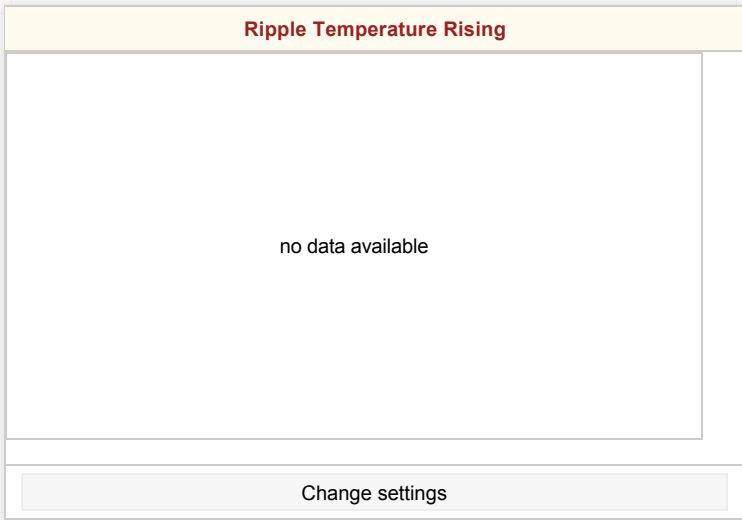
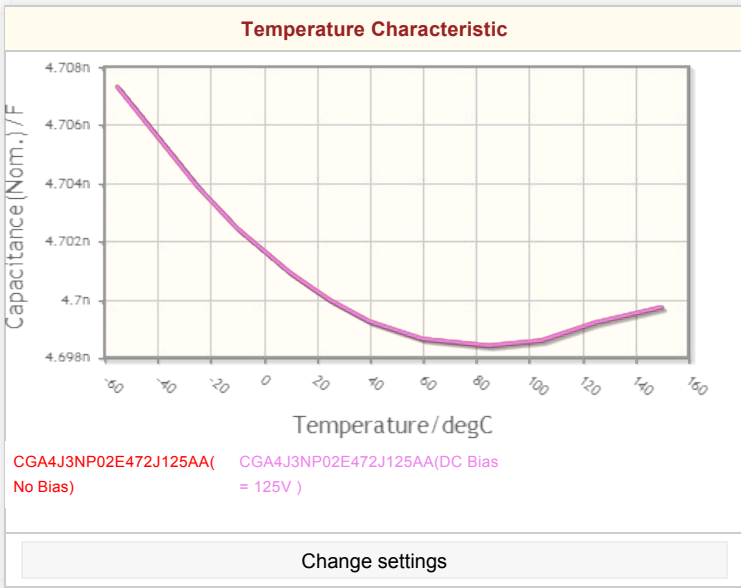
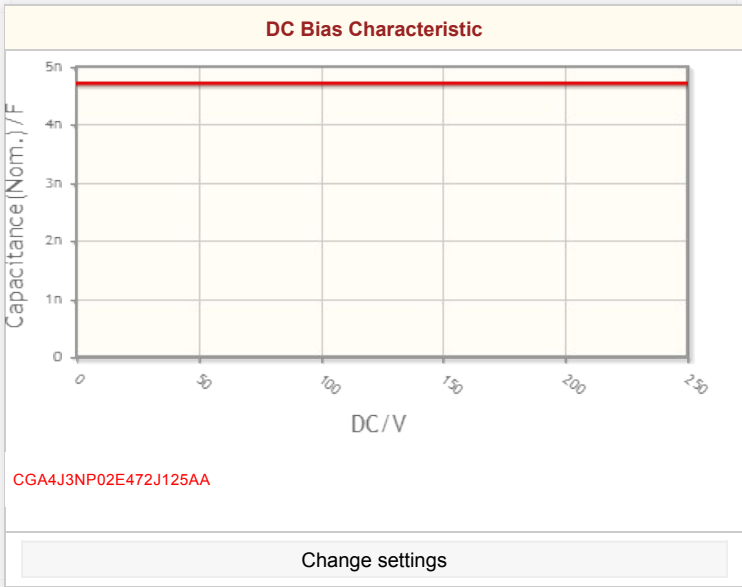
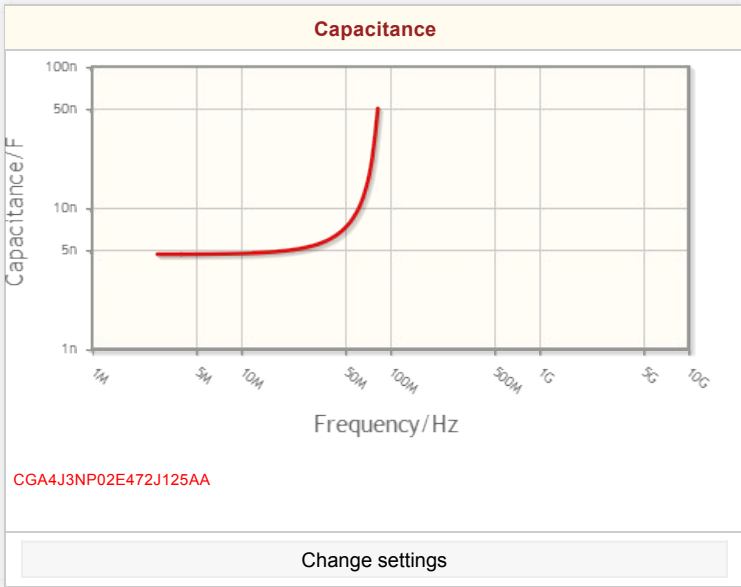
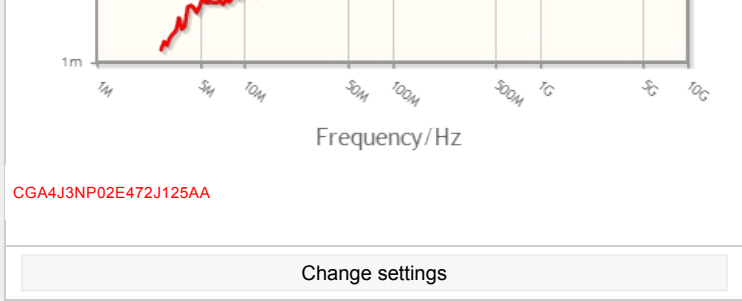
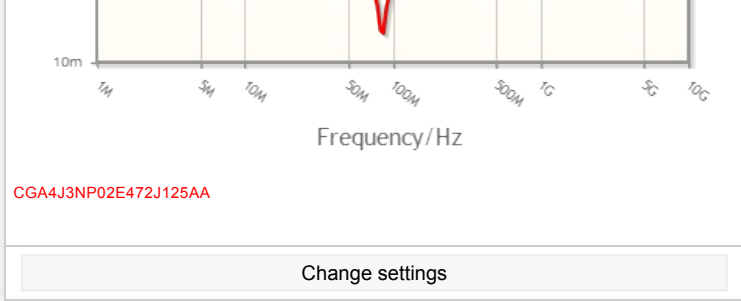
Characteristic Graph (This is reference data, and does not guarantee the products characteristics.)

Impedance



ESR





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