

Multilayer Ceramic Chip Capacitors

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Tech Notes

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CGA5H3NP02E103J115AA



TDK item description ? CGA5H3NP02E103JT****

Applications



Automotive Grade

Feature

Mid

Mid Voltage (100 to 630V)

150°C

High Temperature Application

AEC-Q200

AEC-Q200

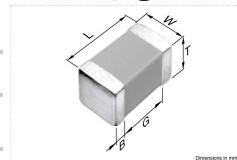
Series

CGA5(3216) [EIA 1206]

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)	3.20mm ±0.20mm
Width(W)	1.60mm ±0.20mm
Thickness(T)	1.15mm ±0.15mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	
Recommended Land Pattern (PA)	2.10mm to 2.50mm(Flow Soldering) 2.00mm to 2.40mm(Reflow Soldering)
Recommended Land Pattern (PB)	1.10mm to 1.30mm(Flow Soldering) 1.00mm to 1.20mm(Reflow Soldering)
Recommended Land Pattern (PC)	1.00mm to 1.30mm(Flow Soldering) 1.10mm to 1.60mm(Reflow Soldering)

Electrical Characteristics

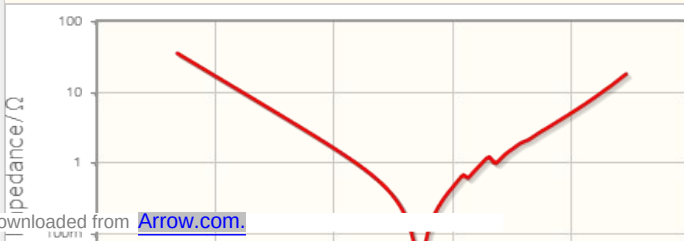
Capacitance	10nF ±5%
Rated Voltage	250VDC
Temperature Characteristic ?	NP0(0±30ppm/°C)
Q (Min.)	1000
Insulation Resistance (Min.)	10000MΩ

Other

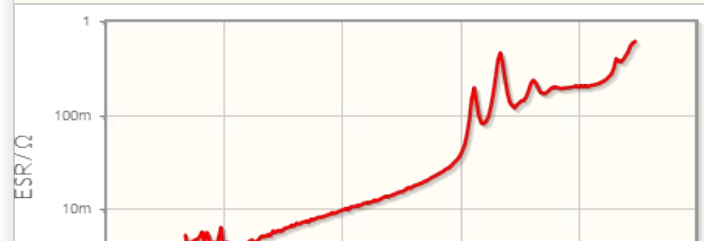
Soldering Method	Wave (Flow) Reflow
AEC-Q200	Yes
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	2000pcs

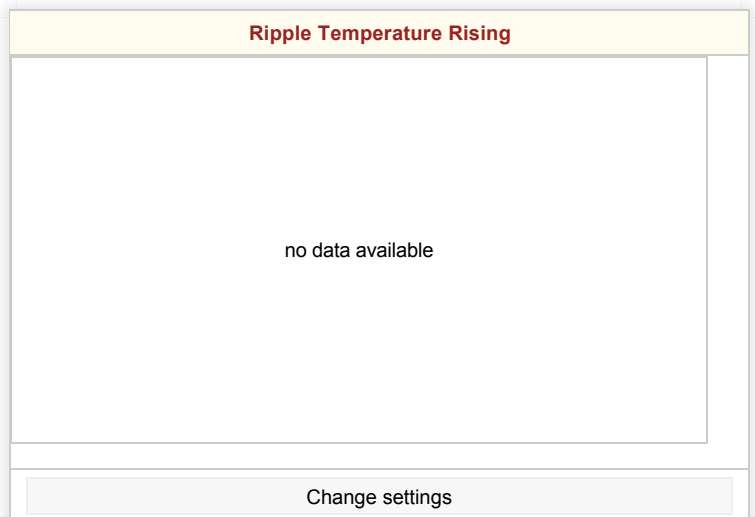
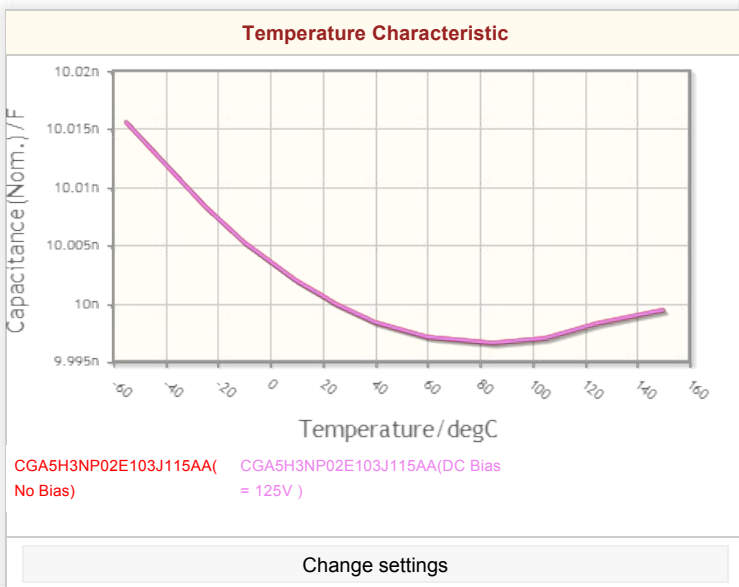
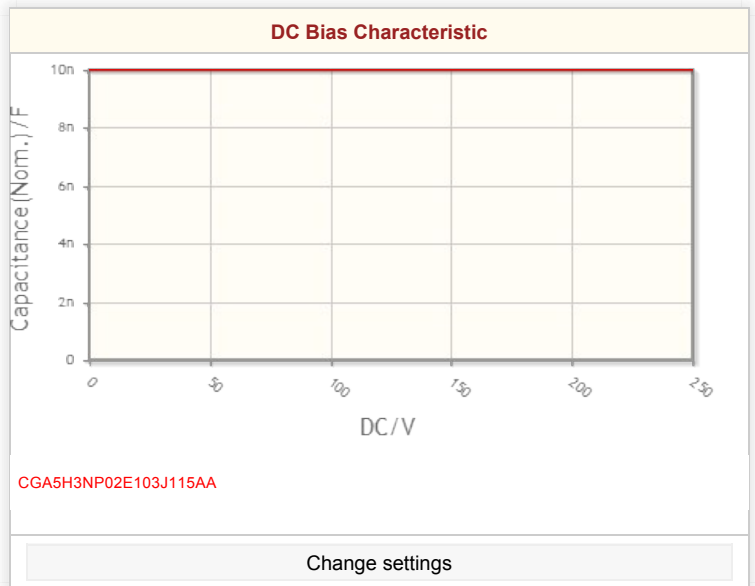
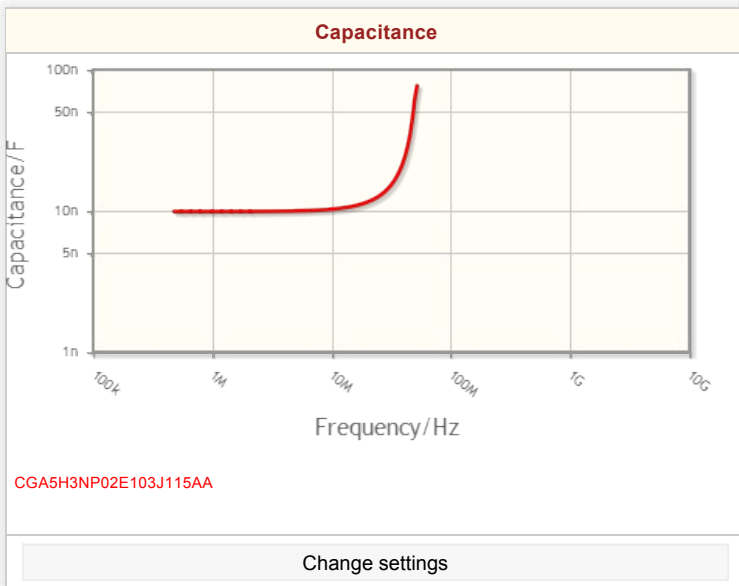
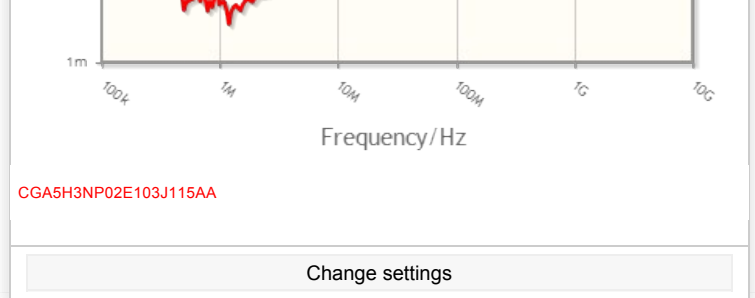
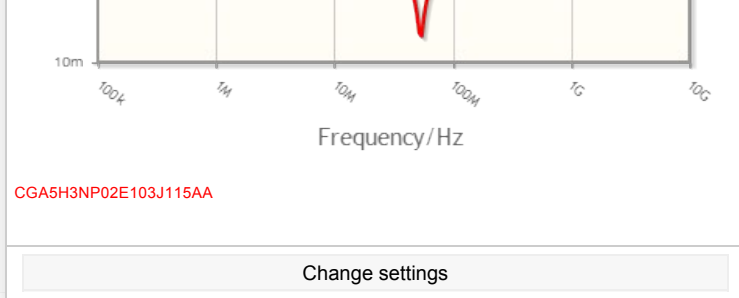
Characteristic Graph (This is reference data, and does not guarantee the products characteristics.)

Impedance



ESR





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