

Multilayer Ceramic Chip Capacitors

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CGA3E2C0G2A101J080AA



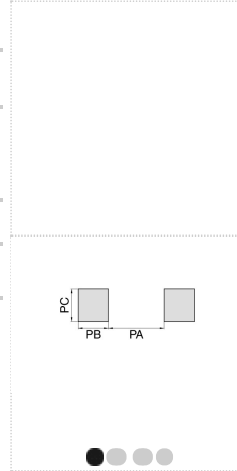
TDK item description ? CGA3E2C0G2A101JT****

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.

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Documents

- Catalog
- Specification
- RoHS Certificate
- SVHC/REACH Certificate
- Sample Kits
- Characterization Sheet

Technical Support Tools

- S-parameter
- SPICE Netlist (Simple)
- SPICE Netlist (Precision)
- Equivalent Circuit Model

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)

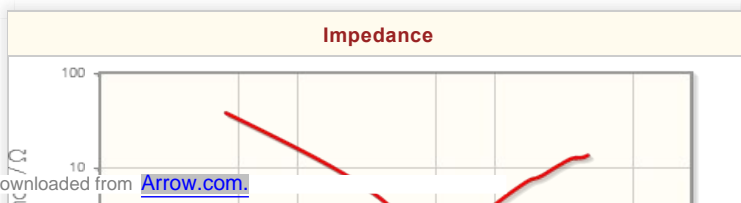
Electrical Characteristics

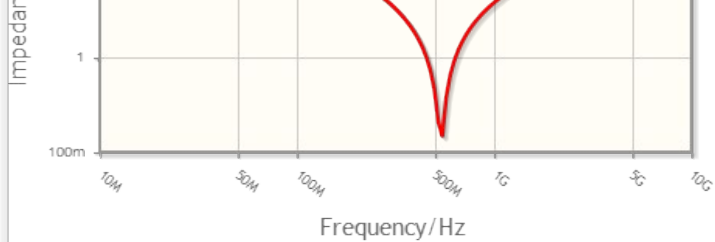
Capacitance	100pF ±5%
Rated Voltage	100VDC
Temperature Characteristic ?	C0G(0±30ppm/°C)
Q (Min.)	1000
Insulation Resistance (Min.)	10000MΩ

Other

Soldering Method	Wave (Flow) Reflow
AEC-Q200	Yes
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000pcs

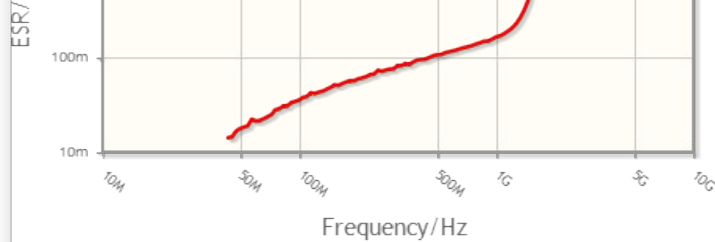
Characteristic Graph (This is reference data, and does not guarantee the products characteristics.)





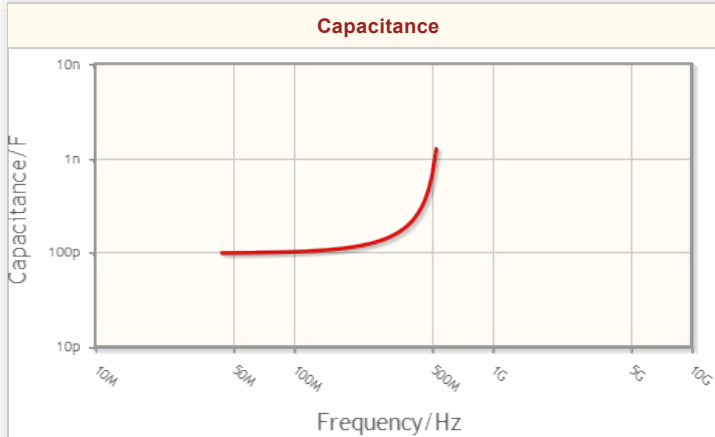
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Change settings



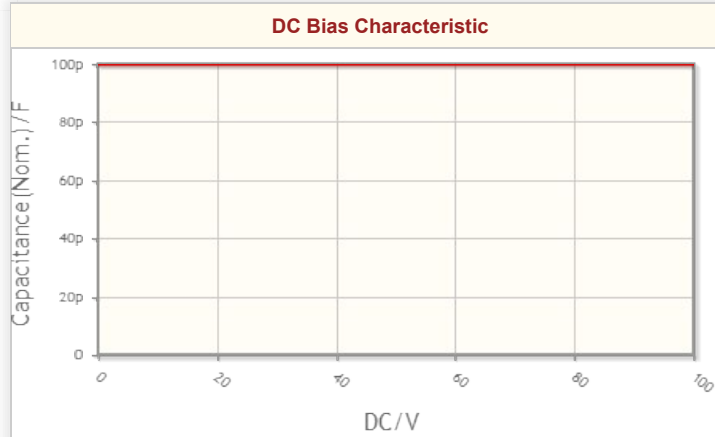
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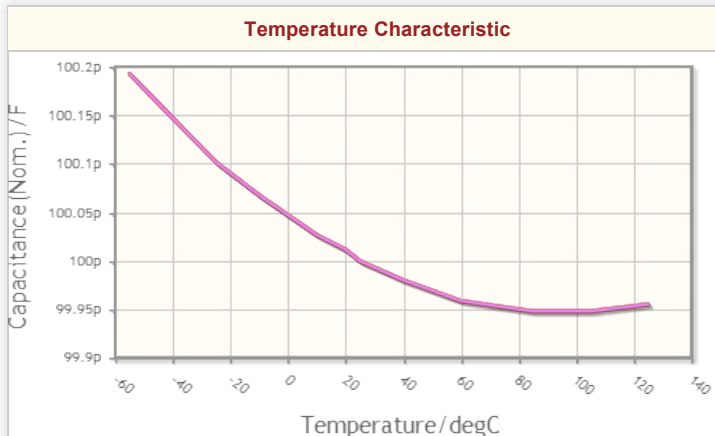
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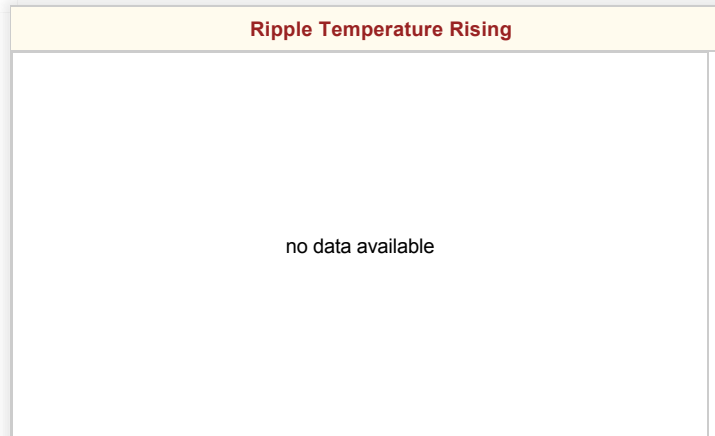
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- » Capacitors
- » Inductors (Coils)
- » EMC Components
- » RF Components and Modules
- » Voltage / Current / Temperature Protection Devices
- » Sensors and Sensor Systems
- » Ceramic Switching / Heating, Piezo Components, Buzzers and Microphones
- » Transformers
- » Ferrites and Accessories
- » Noise Suppressing / Magnetic Sheet
- » Anechoic Chambers and Radio Wave Absorbers
- » Power Supplies
- » Magnets
- » Flash Storages
- » Wireless Power Transfer
- » FA Systems
- » Transparent Conductive Film
- » Micro Modules (Substrates with Built-in ICs, Products Utilizing with SESUB)
- » Solar Cells
- » Biosensor

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