

Multilayer Ceramic Chip Capacitors

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CGA4J1X8R1E105K125AC



TDK item description [?](#) CGA4J1X8R1E105KT****

Applications



Automotive Grade

Feature

150°C

High Temperature Application

AEC-Q200

AEC-Q200

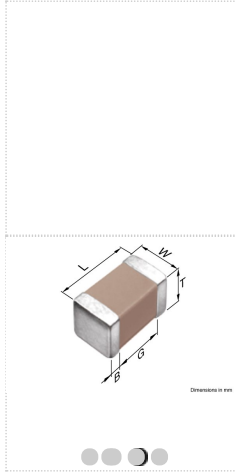
Series

CGA4(2012) [EIA 0805]

Status



Production



Images are for reference only
and show exemplary products.

PDF file of this page



Contact



Documents



Catalog



Specification



RoHS Certificate



SVHC/REACH Certificate



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)	0.50mm Min.
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	1μF ±10%
Rated Voltage	25VDC
Temperature Characteristic ?	X8R(±15%)
Dissipation Factor (Max.)	5%
Insulation Resistance (Min.)	500MΩ

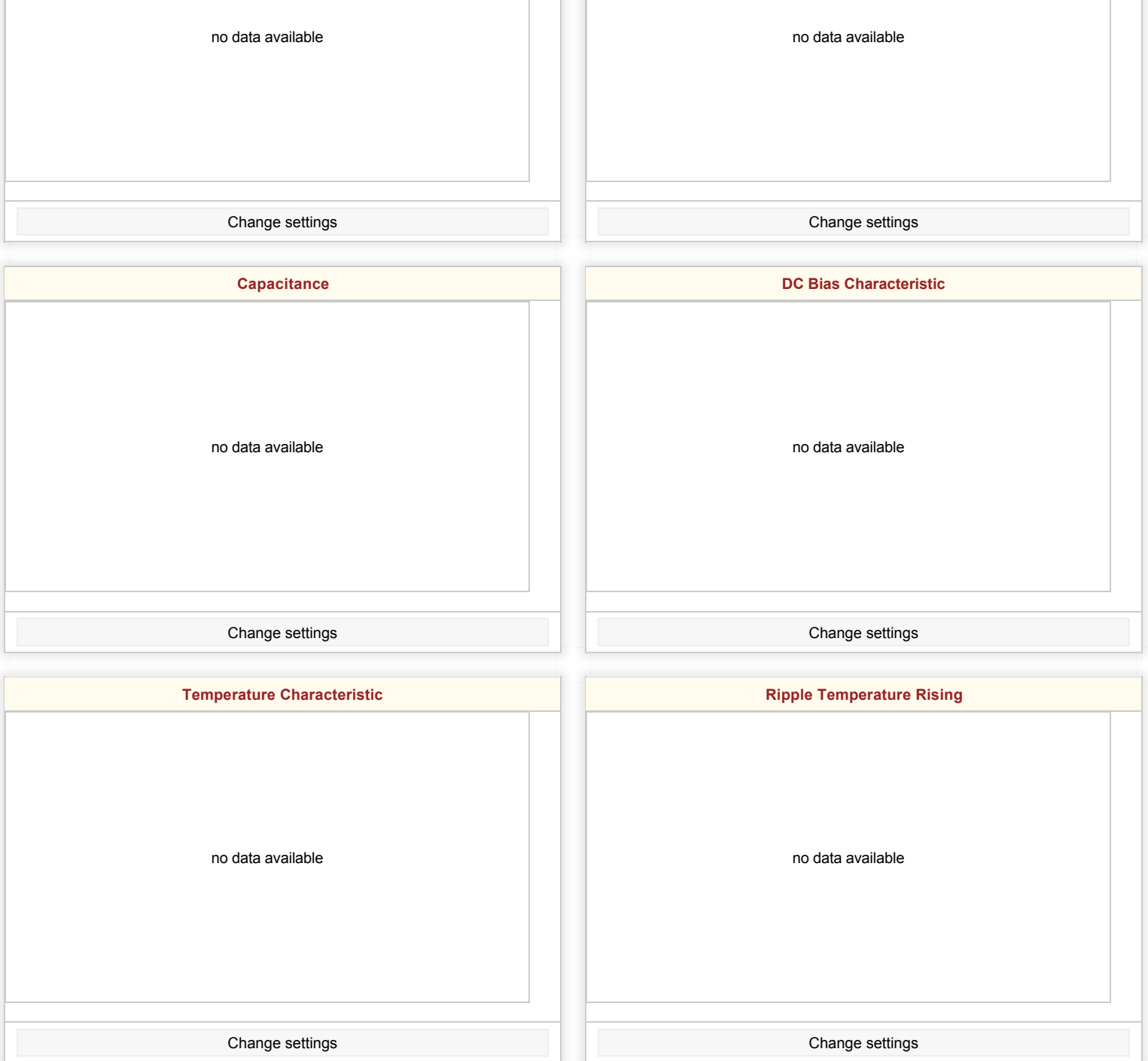
Other

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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- | | |
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| » EMC Components | » Magnets |
| » RF Components and Modules | » Flash Storages |
| » Voltage / Current / Temperature Protection Devices | » Wireless Power Transfer |
| » Sensors and Sensor Systems | » FA Systems |
| » Ceramic Switching / Heating, Piezo Components, Buzzers and Microphones | » Transparent Conductive Film |
| » Transformers | » Micro Modules (Substrates with Built-in ICs, Products Utilizing with SESUB) |
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