

# Multilayer Ceramic Chip Capacitors

Product Top Page

Search by Part No.

Search by Characteristics

Cross Reference

Catalog

Tech Notes

Technical Support Tools

FAQ

**CGA9N4NP02E154J230KN**



**TDK item description** ? CGA9N4NP02E154JT\*\*\*\*

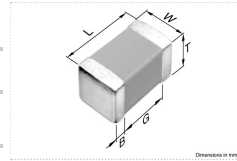
**Applications** Automotive Grade

**Feature**

- Mid Voltage (100 to 630V)
- High Temperature Application
- AEC-Q200

**Series** CGA9(5750) [EIA 2220]

**Status** Production



Images are for reference only and show exemplary products.

PDF file of this page

Buy Now

Contact

### Documents

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

Size	
Length(L)	5.70mm ±0.40mm
Width(W)	5.00mm ±0.40mm
Thickness(T)	2.30mm ±0.20mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	
Recommended Land Pattern (PA)	4.10mm to 4.80mm
Recommended Land Pattern (PB)	1.20mm to 1.40mm
Recommended Land Pattern (PC)	4.00mm to 5.00mm

Electrical Characteristics	
Capacitance	150nF ±5%
Rated Voltage	250VDC
Temperature Characteristic ?	NP0(0±30ppm/°C)
Q (Min.)	1000
Insulation Resistance (Min.)	3333MΩ

Other	
Soldering Method	Reflow
AEC-Q200	Yes
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	500pcs

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



### Frequency/Hz

CGA9N4NP02E154J230KN

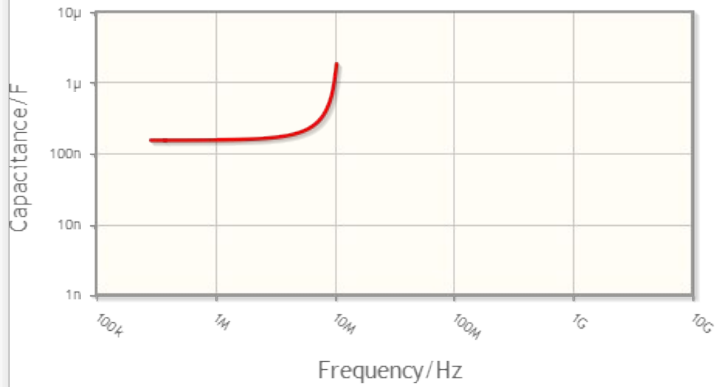
Change settings

### Frequency/Hz

CGA9N4NP02E154J230KN

Change settings

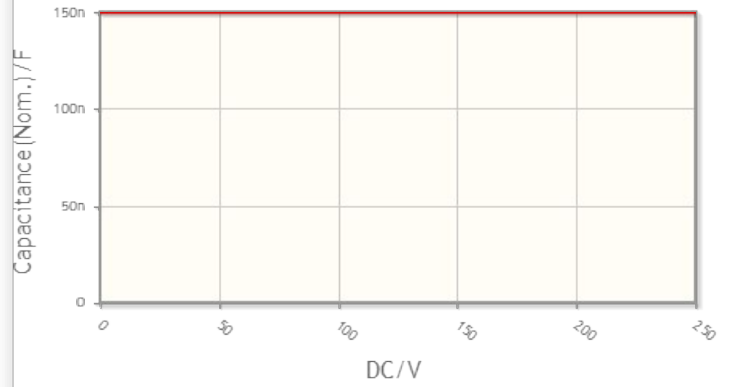
### Capacitance



CGA9N4NP02E154J230KN

Change settings

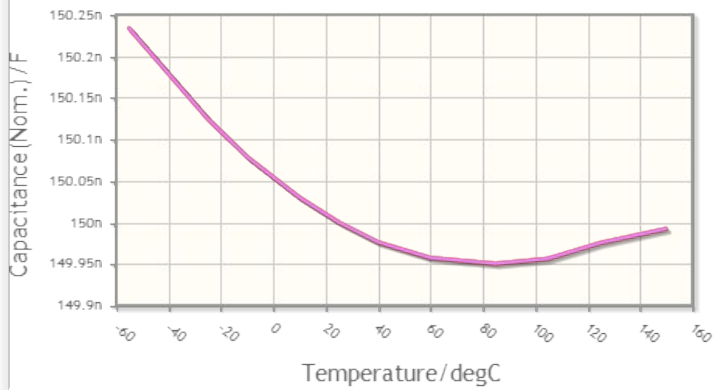
### DC Bias Characteristic



CGA9N4NP02E154J230KN

Change settings

### Temperature Characteristic



CGA9N4NP02E154J230KN( No Bias) CGA9N4NP02E154J230KN(DC Bias = 125V )

Change settings

### Ripple Temperature Rising

no data available

Change settings

## Products

» Search by Part No. » Search by Characteristics » Distributor Inventory Check

- » 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

## Application Guides

Technical Support

Tech Library

Environment

Contact

News

Home

- About TDK
- TDK Worldwide

