

Multilayer Ceramic Chip Capacitors

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Tech Notes

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FAQ

CGA2B2NP02A471J050BA



TDK item description ? CGA2B2NP02A471JT****

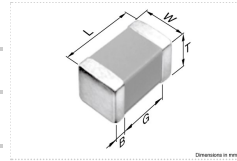
Applications Automotive Grade

Feature

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

Series CGA2(1005) [EIA 0402]

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
- Characterization Sheet
- Promotion Video
- Sample Kits

Size	
Length(L)	1.00mm ±0.05mm
Width(W)	0.50mm ±0.05mm
Thickness(T)	0.50mm ±0.05mm
Terminal Width(B)	0.10mm Min.
Terminal Spacing(G)	0.30mm Min.
Recommended Land Pattern (PA)	0.30mm to 0.50mm
Recommended Land Pattern (PB)	0.35mm to 0.45mm
Recommended Land Pattern (PC)	0.40mm to 0.60mm

Electrical Characteristics	
Capacitance	470pF ±5%
Rated Voltage	100VDC
Temperature Characteristic ?	NP0(0±30ppm/°C)
Q (Min.)	1000
Insulation Resistance (Min.)	10000MΩ

Other	
Soldering Method	Reflow
AEC-Q200	Yes
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	10000pcs

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



Frequency/Hz

CGA2B2NP02A471J050BA

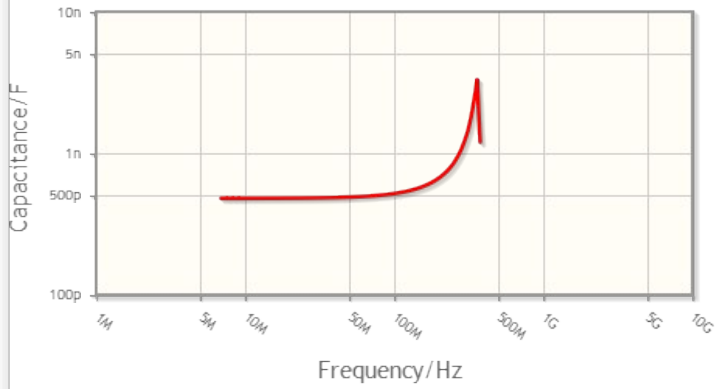
Change settings

Frequency/Hz

CGA2B2NP02A471J050BA

Change settings

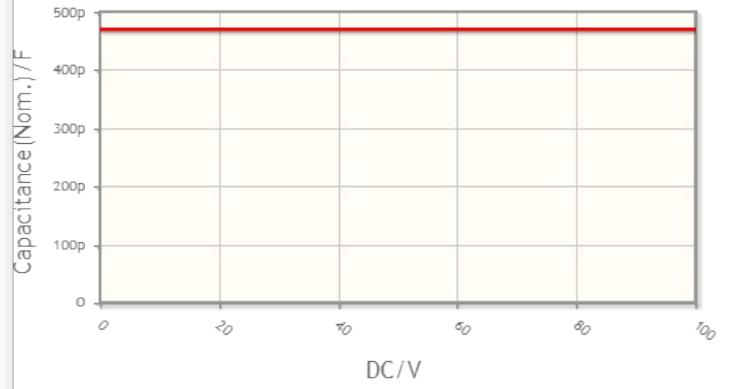
Capacitance



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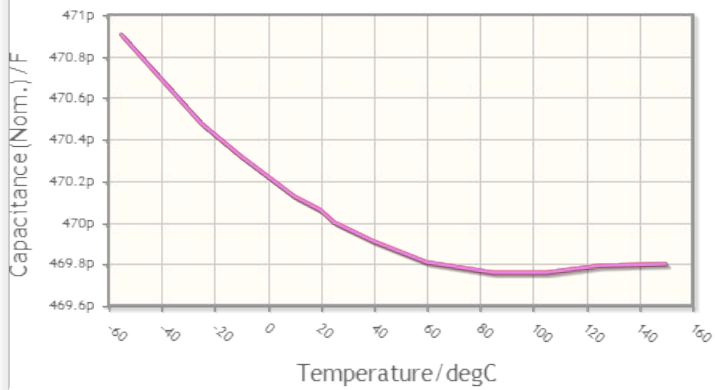
DC Bias Characteristic



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Change settings

Temperature Characteristic



CGA2B2NP02A471J050BA(No Bias) CGA2B2NP02A471J050BA(DC Bias = 50V)

Change settings

Ripple Temperature Rising

no data available

Change settings

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