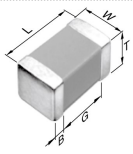
Multilayer Ceramic Chip Capacitors

CGA4J3NP02E392J125AA

RoHS | REACH SVHC-Free | Halogen Free | Lead Free

TDK item description	CGA4J3NP02E392JT****
Applications	Automotive Grade
Feature	Mid Voltage (100 to 630V) 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.

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Documents

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

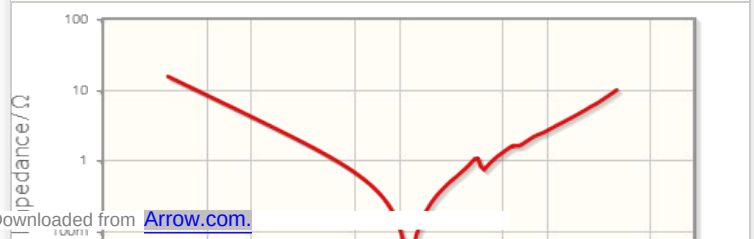
Size	
Length(L)	2.00mm ±0.20mm
Width(W)	1.25mm ±0.20mm
Thickness(T)	1.25mm ±0.20mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	
Recommended Land Pattern (PA)	1.00mm to 1.30mm(Flow Soldering) 0.90mm to 1.20mm(Reflow Soldering)
Recommended Land Pattern (PB)	1.00mm to 1.20mm(Flow Soldering) 0.70mm 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	3.9nF ±5%
Rated Voltage	250VDC
Temperature Characteristic	NP0(0±30ppm/°C)
Q (Min.)	1000
Insulation Resistance (Min.)	10000MΩ

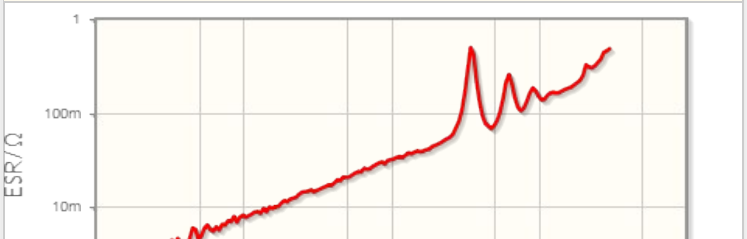
Other	
Soldering Method	Wave (Flow) Reflow
AEC-Q200	Yes
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	2000pcs

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

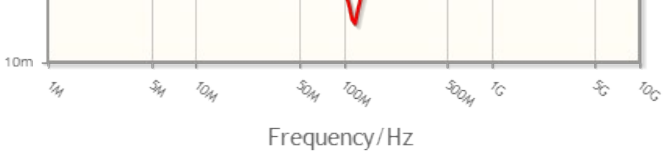
Impedance



ESR

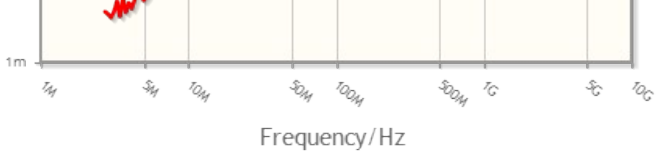


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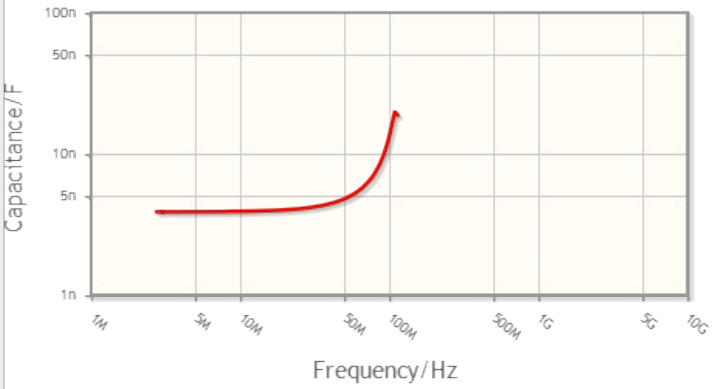
Change settings



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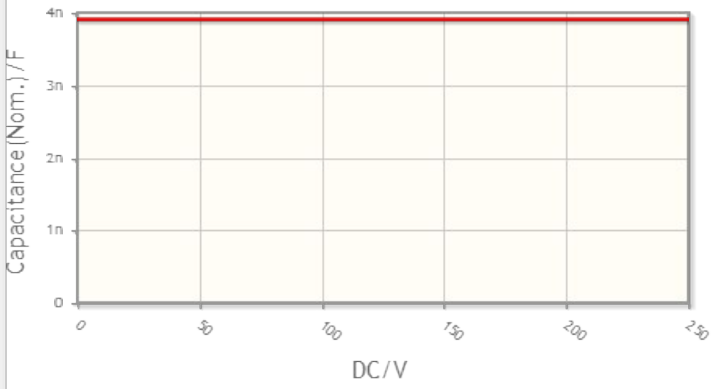
Capacitance



CGA4J3NP02E392J125AA

Change settings

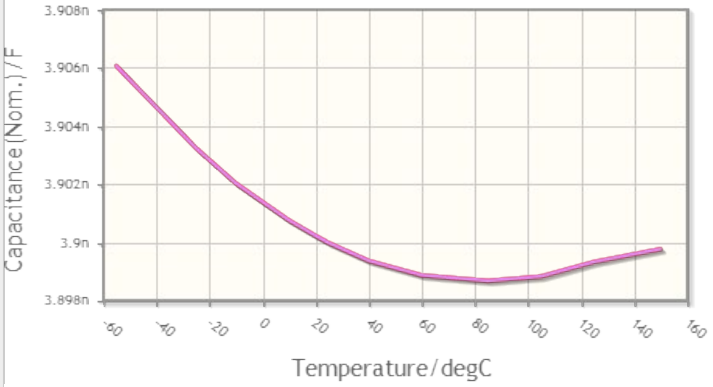
DC Bias Characteristic



CGA4J3NP02E392J125AA

Change settings

Temperature Characteristic



CGA4J3NP02E392J125AA(No Bias)

CGA4J3NP02E392J125AA(DC Bias = 125V)

Change settings

Ripple Temperature Rising

no data available

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