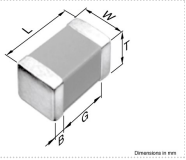
Multilayer Ceramic Chip Capacitors

CGA8M4NP02J333J200KA

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

TDK item description	CGA8M4NP02J333JT****
Applications	Automotive Grade
Feature	Mid: Mid Voltage (100 to 630V) 150°C: High Temperature Application AEC-Q200: AEC-Q200
Series	CGA8(4532) [EIA 1812]
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)	4.50mm ±0.40mm
Width(W)	3.20mm ±0.40mm
Thickness(T)	2.00mm ±0.20mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	
Recommended Land Pattern (PA)	3.10mm to 3.70mm
Recommended Land Pattern (PB)	1.20mm to 1.40mm
Recommended Land Pattern (PC)	2.40mm to 3.20mm

Electrical Characteristics	
Capacitance	33nF ±5%
Rated Voltage	630VDC
Temperature Characteristic	NP0(0±30ppm/°C)
Q (Min.)	1000
Insulation Resistance (Min.)	10000MΩ

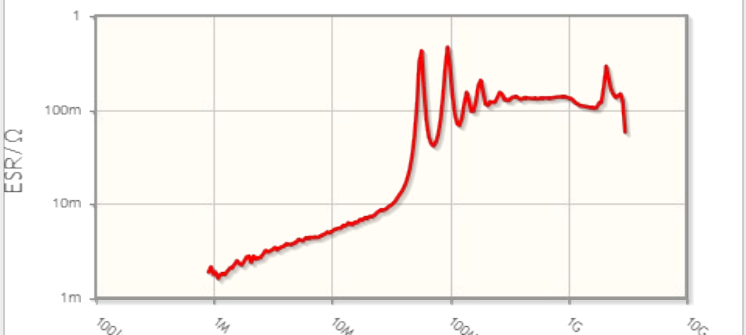
Other	
Soldering Method	Reflow
AEC-Q200	Yes
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	1000pcs

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

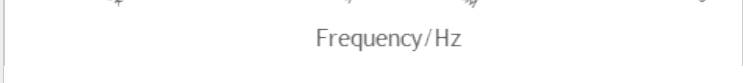
Impedance



ESR

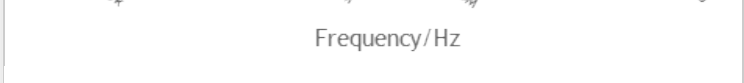


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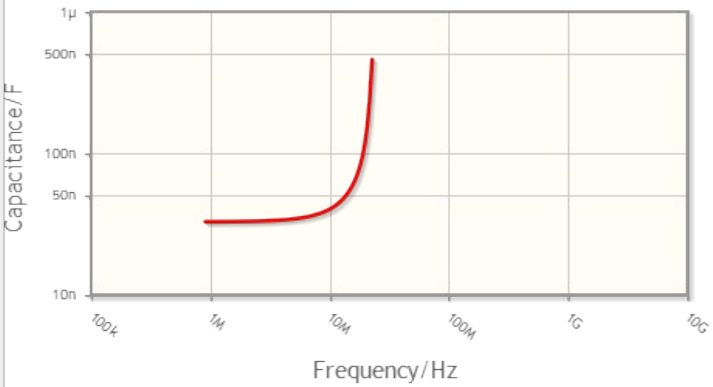
Change settings



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Change settings

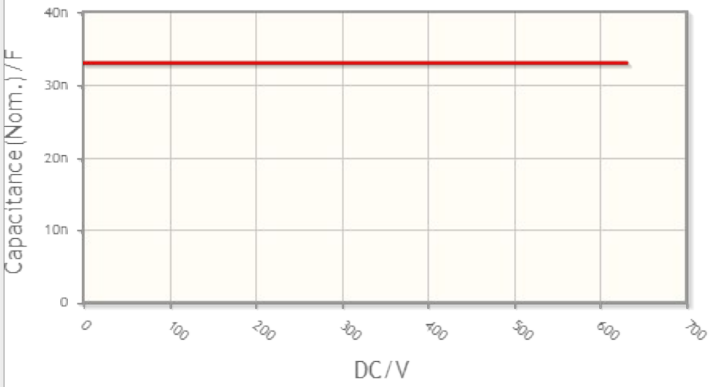
Capacitance



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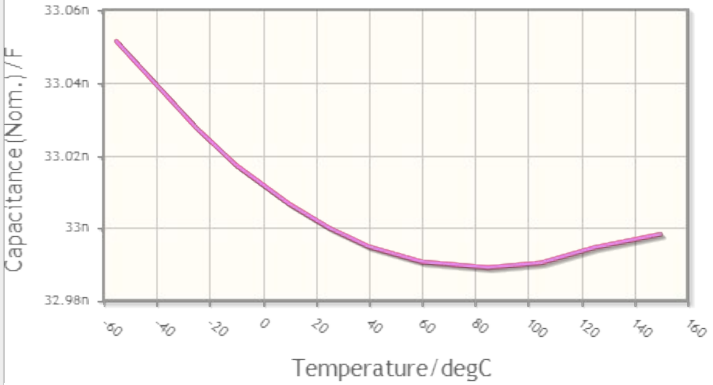
DC Bias Characteristic



CGA8M4NP02J333J200KA

Change settings

Temperature Characteristic



CGA8M4NP02J333J200KA(No Bias)

CGA8M4NP02J333J200KA(DC Bias = 315V)

Change settings

Ripple Temperature Rising

no data available

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- » RF Components and Modules
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- » 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
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- » Solar Cells
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