

Multilayer Ceramic Chip Capacitors

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Tech Notes

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FAQ

CGA6P4NP02W333J250AA



TDK item description ? CGA6P4NP02W333JT****

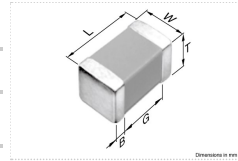
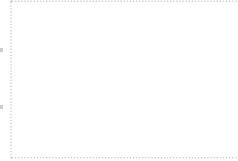
Applications Automotive Grade

Feature

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

Series CGA6(3225) [EIA 1210]

Status Production



Images are for reference only and show exemplary products.

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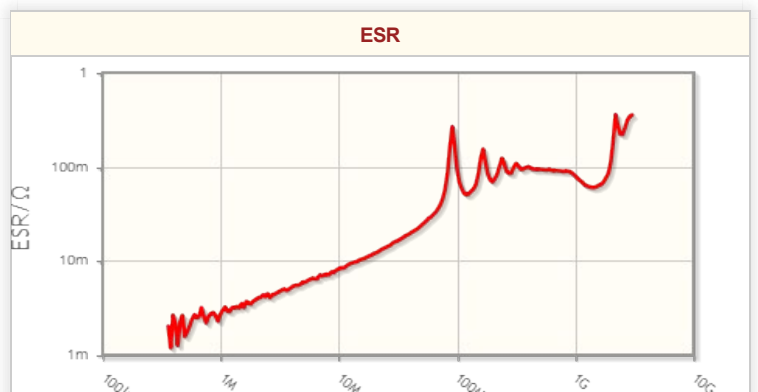
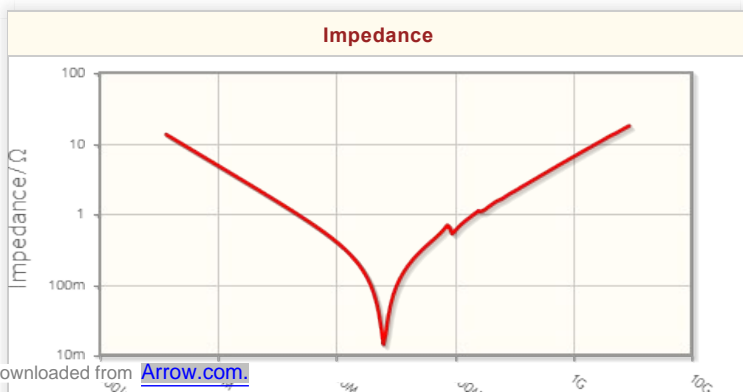
- Catalog
- Specification
- RoHS Certificate
- SVHC/REACH Certificate
- Characterization Sheet
- Promotion Video
- Sample Kits

Size	
Length(L)	3.20mm ±0.40mm
Width(W)	2.50mm ±0.30mm
Thickness(T)	2.50mm ±0.30mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	
Recommended Land Pattern (PA)	2.00mm to 2.40mm
Recommended Land Pattern (PB)	1.00mm to 1.20mm
Recommended Land Pattern (PC)	1.90mm to 2.50mm

Electrical Characteristics	
Capacitance	33nF ±5%
Rated Voltage	450VDC
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.)



Frequency/Hz

CGA6P4NP02W333J250AA

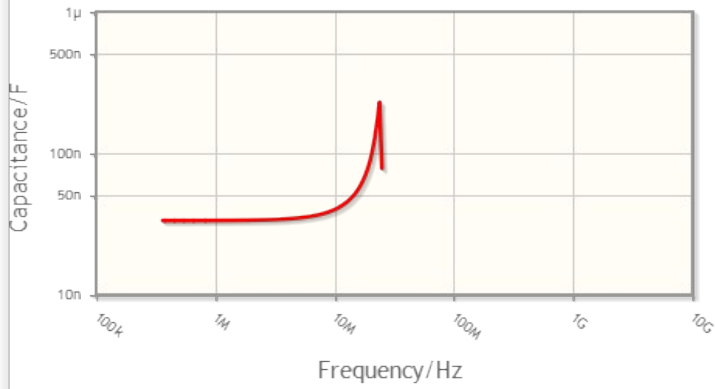
Change settings

Frequency/Hz

CGA6P4NP02W333J250AA

Change settings

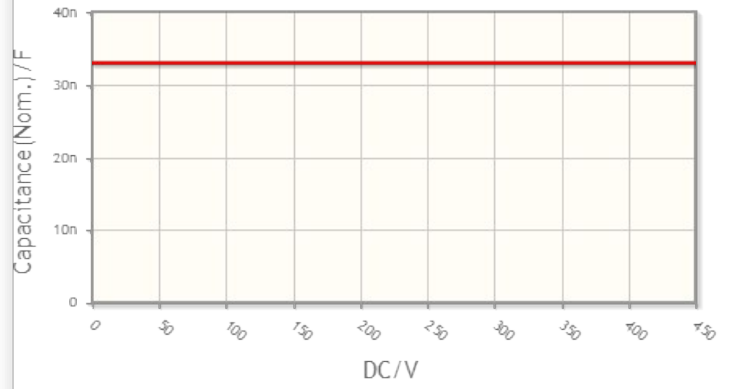
Capacitance



CGA6P4NP02W333J250AA

Change settings

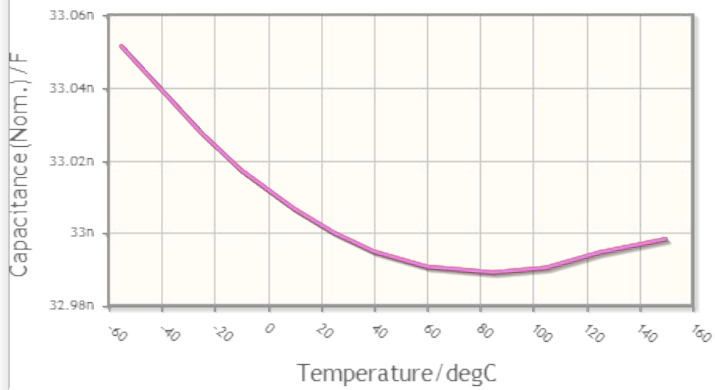
DC Bias Characteristic



CGA6P4NP02W333J250AA

Change settings

Temperature Characteristic



CGA6P4NP02W333J250AA(No Bias) CGA6P4NP02W333J250AA(DC Bias s = 225V)

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Ripple Temperature Rising

no data available

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