

Multilayer Ceramic Chip Capacitors

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Tech Notes

Technical Support Tools

FAQ

C3225C0G2A223J160AA



TDK item description ? C3225C0G2A223JT****

Applications



Commercial Grade

Please refer to Part No. [CGA6L2C0G2A223J160AA](#) for Automotive use.

Feature

Mid

Mid Voltage (100 to 630V)

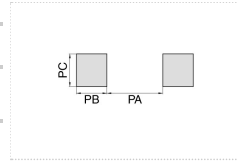
Series

C3225 [EIA 1210]

Status



Production



Images are for reference only and show exemplary products.

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Documents

- [Catalog](#)
- [Specification](#)
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- [SVHC/REACH Certificate](#)
- [Characterization Sheet](#)
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- [Sample Kits](#)

Technical Support Tools

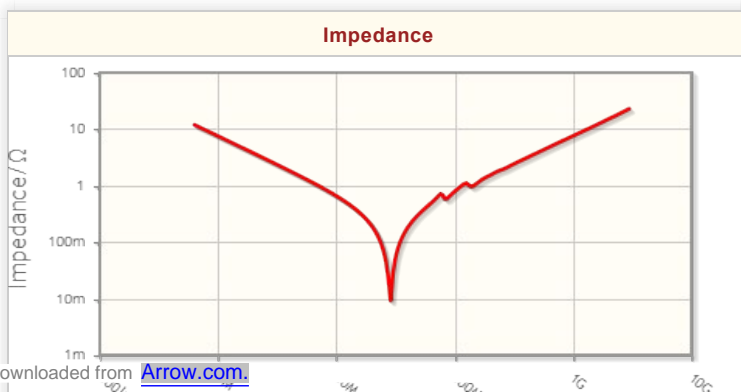
- [S-parameter](#)
- [SPICE Netlist \(Simple\)](#)
- [SPICE Netlist \(Precision\)](#)
- [Equivalent Circuit Model](#)

Size	
Length(L)	3.20mm ±0.40mm
Width(W)	2.50mm ±0.30mm
Thickness(T)	1.60mm ±0.20mm
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	22nF ±5%
Rated Voltage	100VDC
Temperature Characteristic ?	C0G(0±30ppm/°C)
Q (Min.)	1000
Insulation Resistance (Min.)	10000MΩ

Other	
Soldering Method	Reflow
AEC-Q200	No
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	2000pcs

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



Frequency/Hz

C3225C0G2A223J160AA

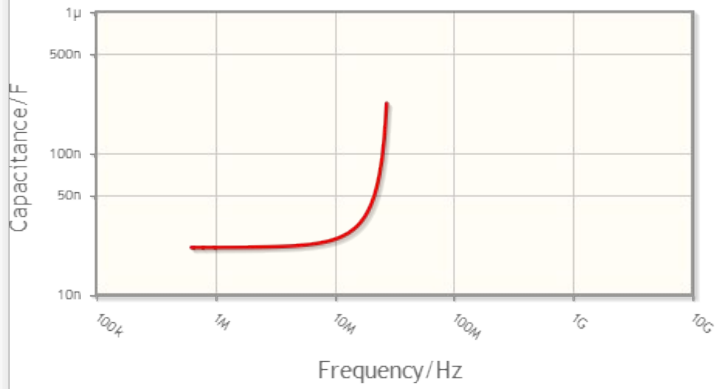
Change settings

Frequency/Hz

C3225C0G2A223J160AA

Change settings

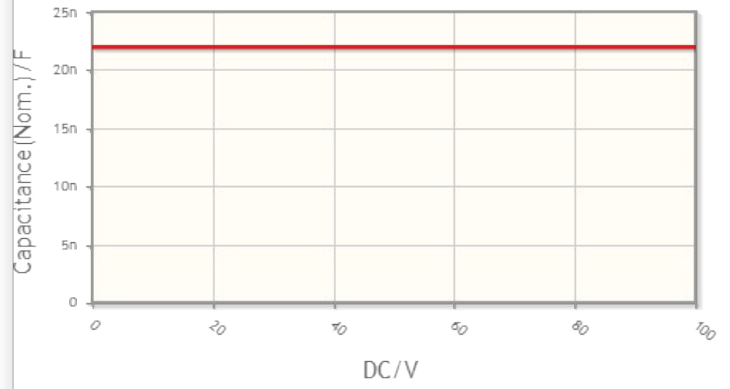
Capacitance



C3225C0G2A223J160AA

Change settings

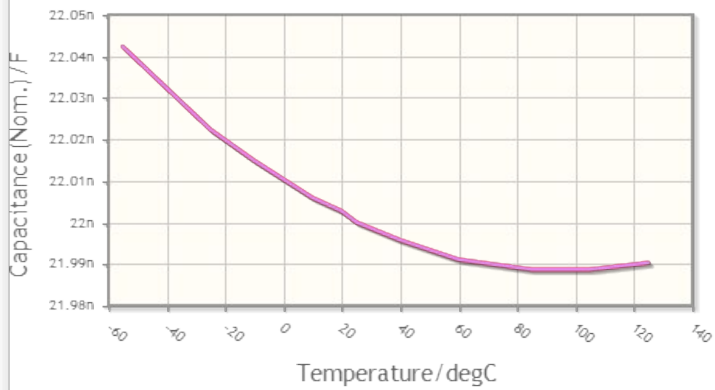
DC Bias Characteristic



C3225C0G2A223J160AA

Change settings

Temperature Characteristic



C3225C0G2A223J160AA(No Bias) C3225C0G2A223J160AA(DC Bias = 50V)

Change settings

Ripple Temperature Rising

no data available

Change settings

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