

Multilayer Ceramic Chip Capacitors

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CGA6N3X7R2A225K230AB



TDK item description CGA6N3X7R2A225KT****

Applications



Automotive Grade

Feature

Mid

Mid Voltage (100 to 630V)

AEC-Q200

AEC-Q200

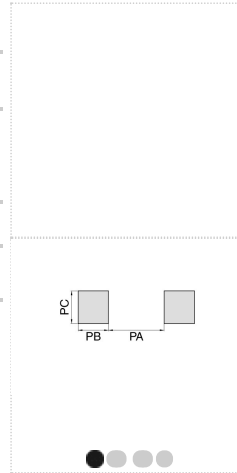
Series

CGA6(3225) [EIA 1210]

Status



Production



Images are for reference only
and show exemplary products.

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Documents

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

Technical Support Tools

- S-parameter
- SPICE Netlist (Simple)
- SPICE Netlist (Precision)
- Equivalent Circuit Model
- DC Bias/Superimpotision Model (HSPICE)

Size

Length(L)	3.20mm ±0.40mm
Width(W)	2.50mm ±0.30mm
Thickness(T)	2.30mm ±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	2.2μF ±10%
Rated Voltage	100VDC
Temperature Characteristic	X7R(±15%)
Dissipation Factor (Max.)	3%
Insulation Resistance (Min.)	227MΩ

Other

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

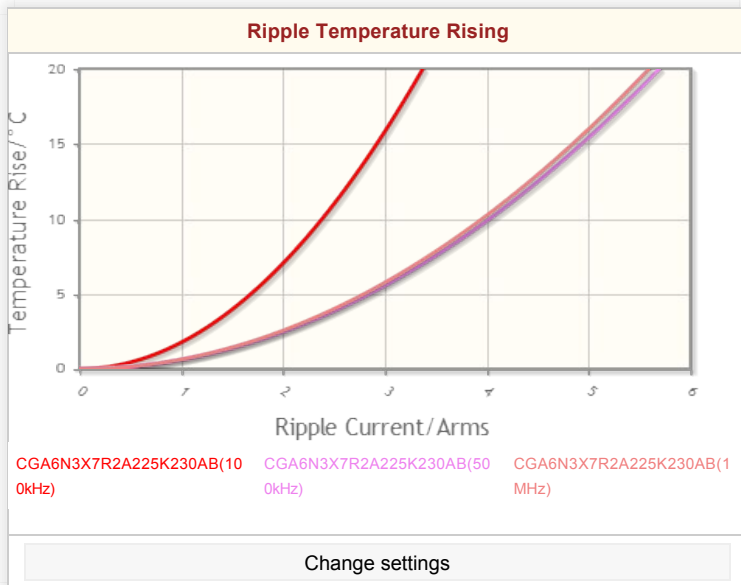
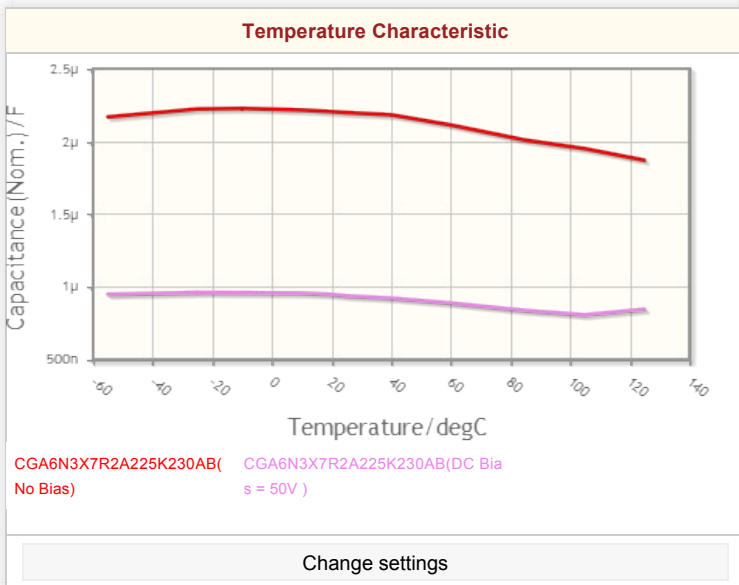
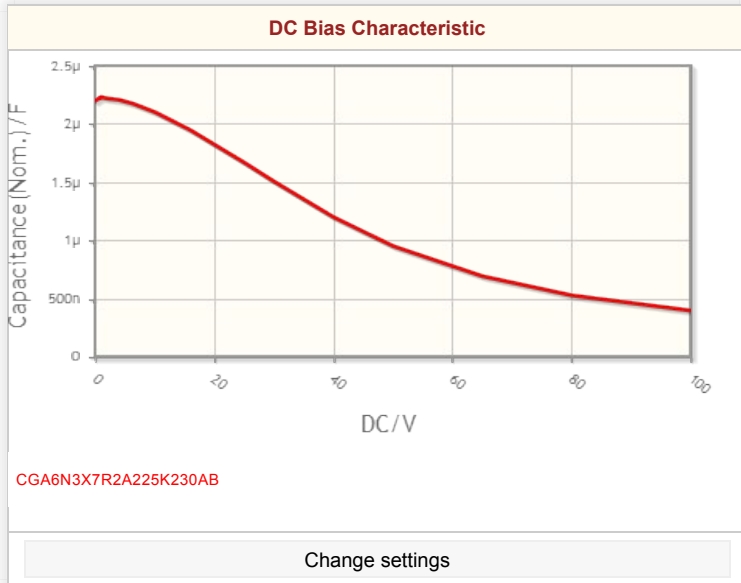
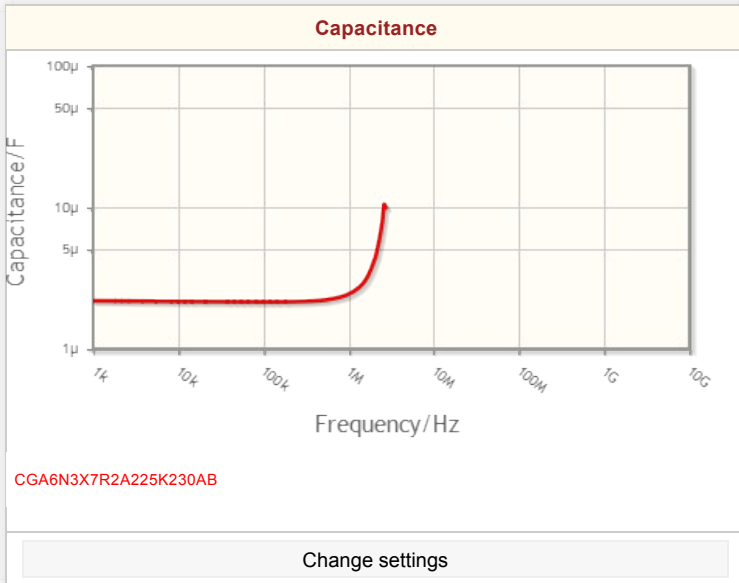
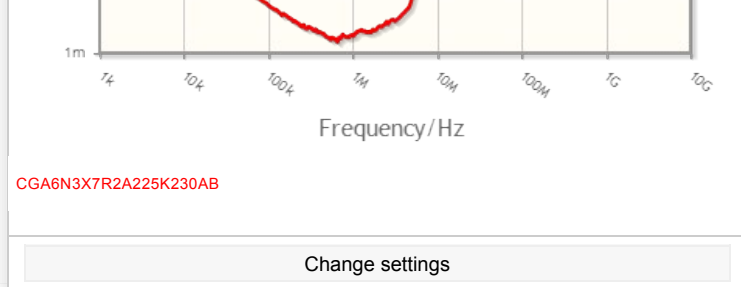
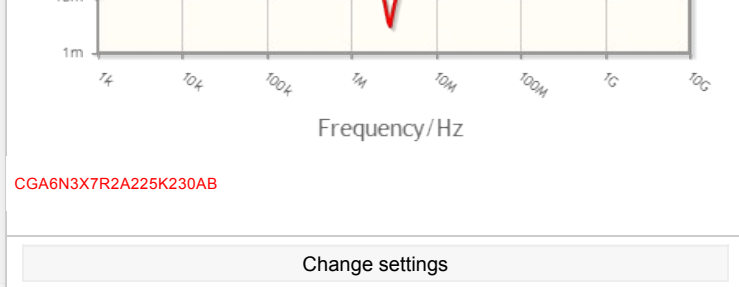
Characteristic Graph (This is reference data, and does not guarantee the products characteristics.)

Impedance



ESR





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