

# Multilayer Ceramic Chip Capacitors

Product Top Page Search by Part No. Search by Characteristics Cross Reference Catalog Tech Note Technical Support Tool FAQ

**C3225X7S2A335M200AB** ? RoHS REACH SVHC-Free Halogen Free Lead Free

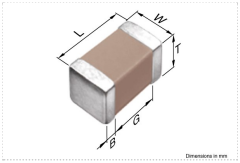
**TDK item description** ? C3225X7S2A335MT\*\*\*\*

**Applications** 📱 Commercial Grade  
Please refer to Part No. [CGA6M3X7S2A335M200AB](#) for Automotive use.

**Feature** Mid Mid Voltage (100 to 630V)

**Series** C3225 [EIA 1210]

**Status** ⚠️ Production (Not Recommended for New Design)



Images are for reference only and show exemplary products.

Size	
Length(L)	3.20mm ±0.40mm
Width(W)	2.50mm ±0.30mm
Thickness(T)	2.00mm ±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	3.3μF ±20%
Rated Voltage	100VDC
Temperature Characteristic <span>?</span>	X7S(±22%)
Dissipation Factor (Max.)	5%
Insulation Resistance (Min.)	151MΩ

Other	
Soldering Method	Reflow
AEC-Q200	No
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	1000pcs

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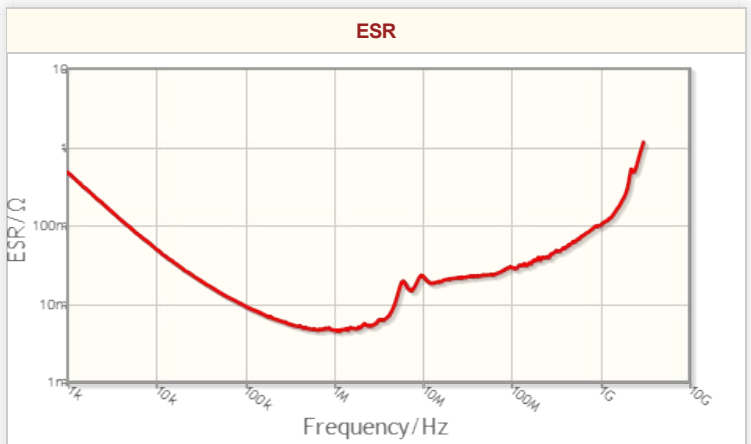
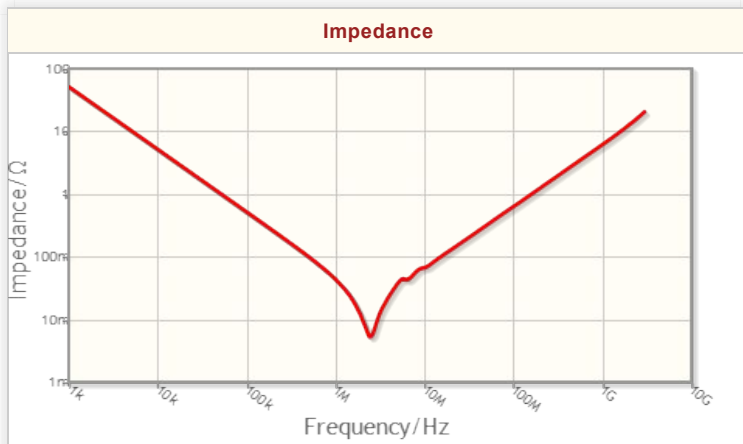
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- Documents**
- Catalog
  - Specification
  - RoHS Certificate
  - SVHC/REACH Certificate
  - Characterization Sheet
  - Promotion Video
  - Sample Kits

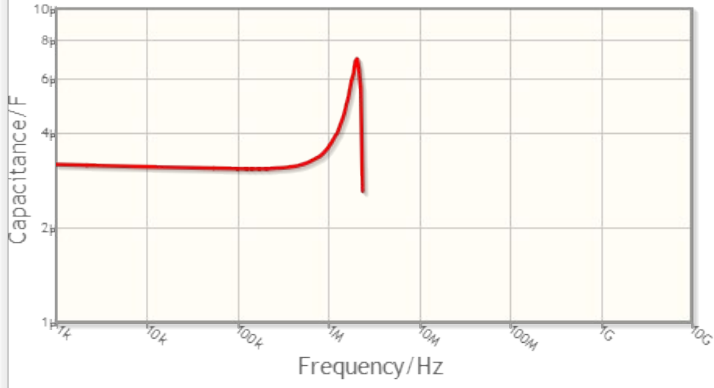
- Technical Support Tools**
- S-parameter
  - SPICE Netlist (Simple)
  - SPICE Netlist (Precision)
  - Equivalent Circuit Model
  - DC Bias/Superimposition Model (HSPICE)

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



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### Capacitance

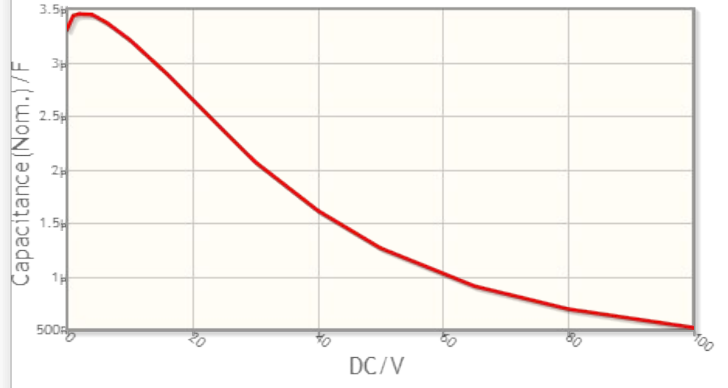


C3225X7S2A335M200AB

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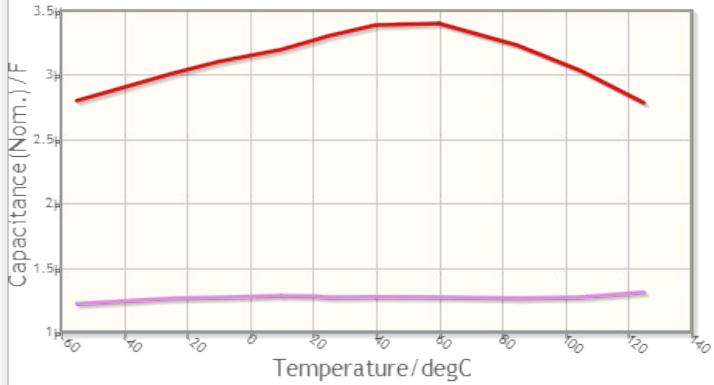
### DC Bias Characteristic



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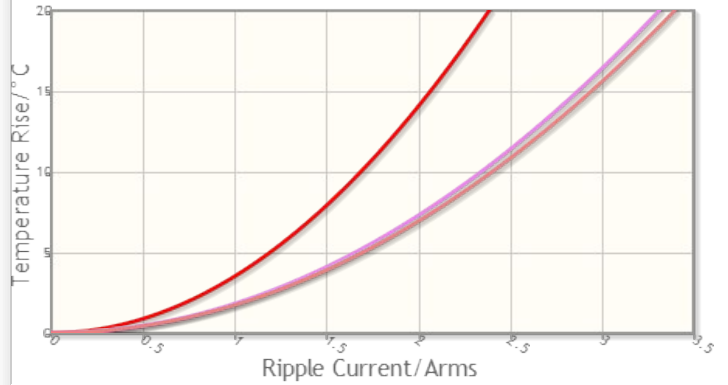
### Temperature Characteristic



C3225X7S2A335M200AB(N o Bias)    C3225X7S2A335M200AB(DC Bias = 50V )

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### Ripple Temperature Rising



C3225X7S2A335M200AB(100k Hz)    C3225X7S2A335M200AB(500k Hz)    C3225X7S2A335M200AB(1M Hz)

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- » RF / SAW Components and Modules
- » Voltage / Current / Temperature Protection Devices
- » Sensors and Sensor Systems
- » Ceramic Switching / Heating, Piezo Components and Buzzers
- » Transformers
- » Ferrites and Accessories
- » Noise Suppressing / Magnetic Sheet
- » Anechoic Chambers and Radio Wave Absorbers
- » Power Supplies
- » Magnets
- » Flash Storages
- » Wireless Charging
- » FA Systems
- » Transparent Conductive Film
- » Micro Modules (Substrates with Built-in ICs, Products Utilizing with SESUB)
- » Solar Cells
- » Biosensor

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