

## Multilayer Ceramic Chip Capacitors

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Search by Characteristics

Cross Reference

Catalog

Tech Note

Technical Support Tool

FAQ

C3225X7S2A335M200AB



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

### Applications



Commercial Grade

Please refer to Part No. [CGA6M3X7S2A335M200AB](#) for Automotive use.

### Feature

Mid

Mid Voltage (100 to 630V)

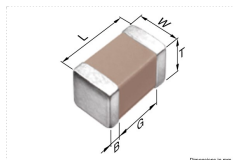
### Series

C3225 [EIA 1210]

### Status



Production (Not Recommended for New Design)



Images are for reference only and show exemplary products.

PDF file of this page

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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)

### 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 ? X7S(±22%)

Dissipation Factor (Max.) 5%

Insulation Resistance (Min.) 151MΩ

### Other

Soldering Method Reflow

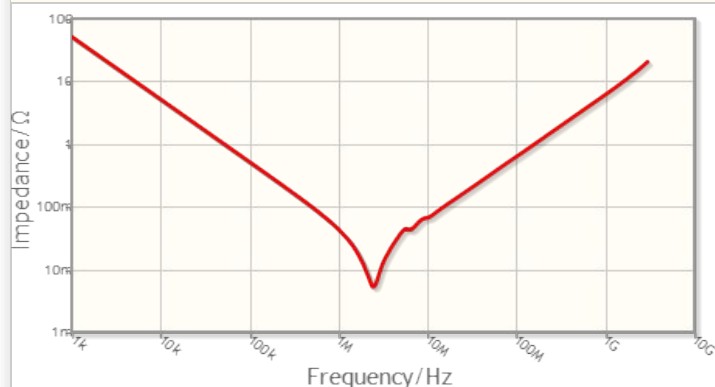
AEC-Q200 No

Packing Blister (Plastic)Taping [180mm Reel]

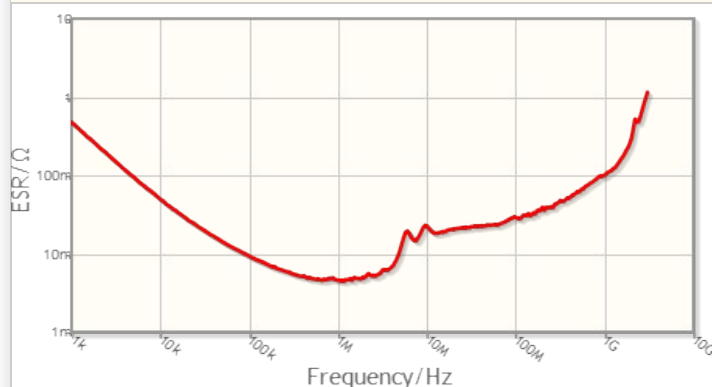
Package Quantity 1000pcs

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

### Impedance

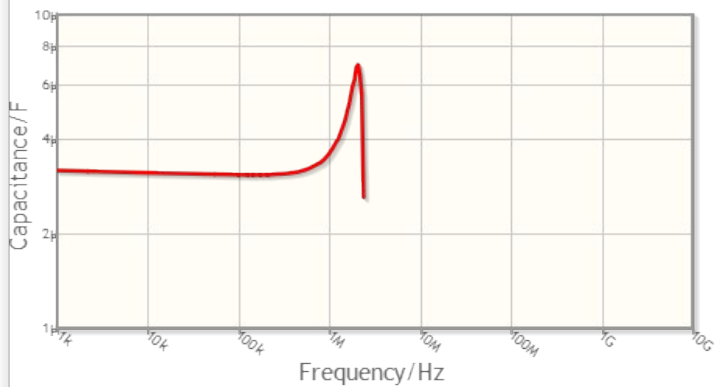


### ESR



Change settings

### Capacitance

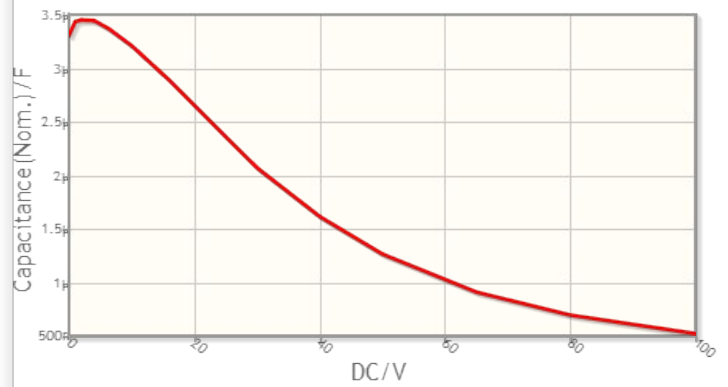


C3225X7S2A335M200AB

Change settings

Change settings

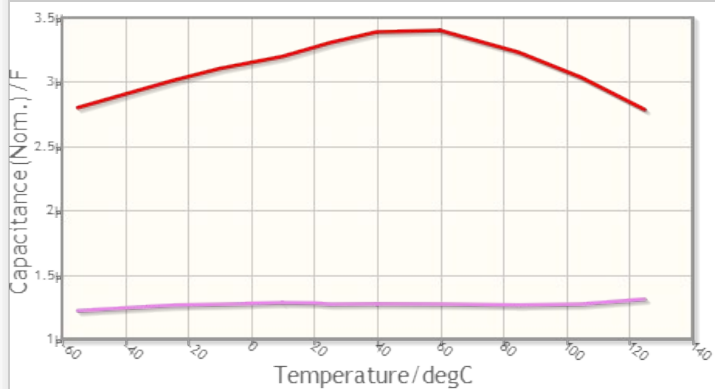
### DC Bias Characteristic



C3225X7S2A335M200AB

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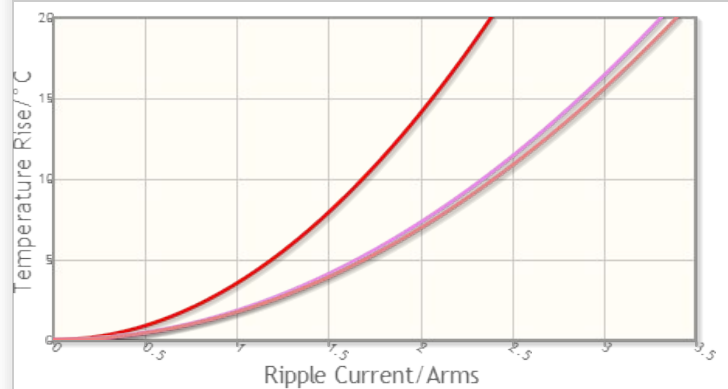
### Temperature Characteristic



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

Change settings

### Ripple Temperature Rising



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

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