

Capacitors **Multilayer Ceramic Chip Capacitors**

Product Top Page Search by Part No. Search by Characteristics Cross Reference Catalog Tech Notes Technical Support Tools Help

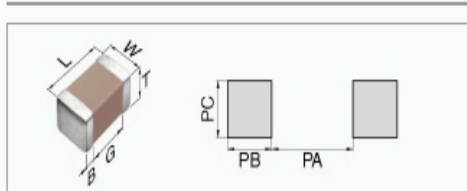
C3225X7R2J683M200AA Multilayer Ceramic Chip Capacitors

(TDK item description ? : C3225X7R2J683MT****)

Applications Commercial Grade
 Please refer to Part No. CGA6M4X7R2J683M200AA for automotive use.

Feature Mid Mid Voltage (100 to 630V)

Series C3225 [EIA CC1210]



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)	2.00 to 2.40mm
Recommended Land Pattern(PB)	1.00 to 1.20mm
Recommended Land Pattern(PC)	1.90 to 2.50mm
Recommended Slit Pattern(SD)	

Electrical Characteristics	
Capacitance	68nF +/-20%
Rated Voltage	630Vdc
Temperature Characteristic	X7R(+/-15%)
Dissipation Factor	3% Max.
Insulation Resistance	7352MΩ Min.

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

Buy Now (Distributor Inventory Check)

Contact

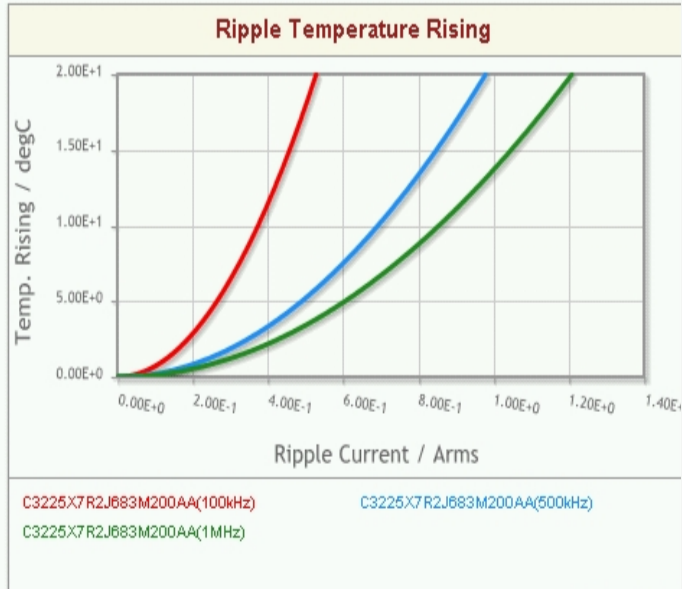
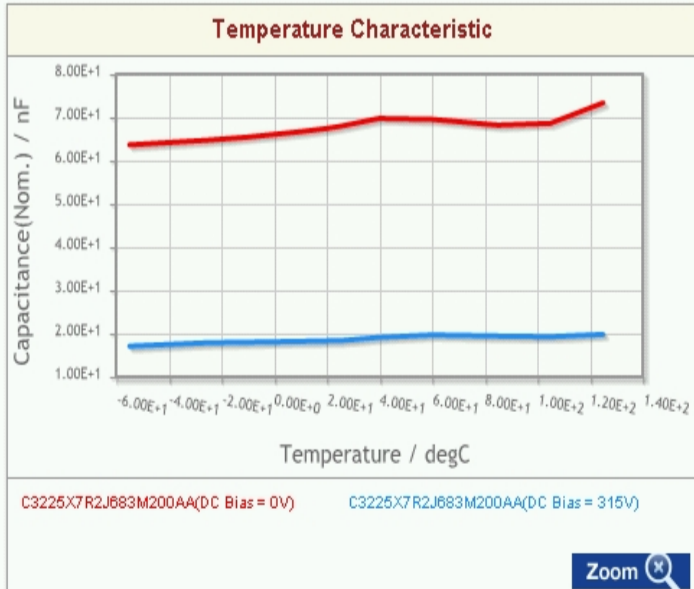
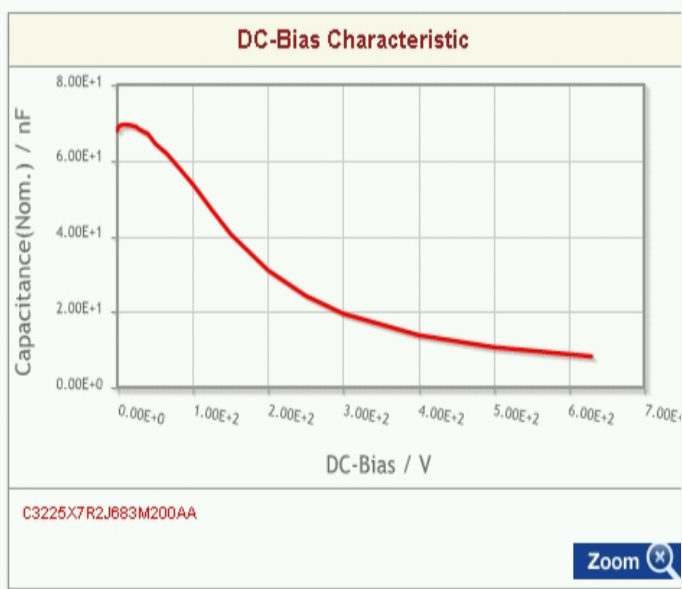
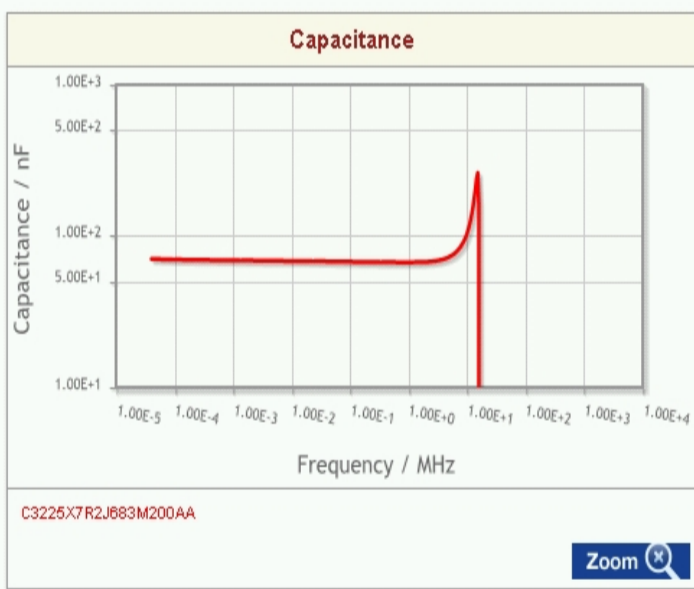
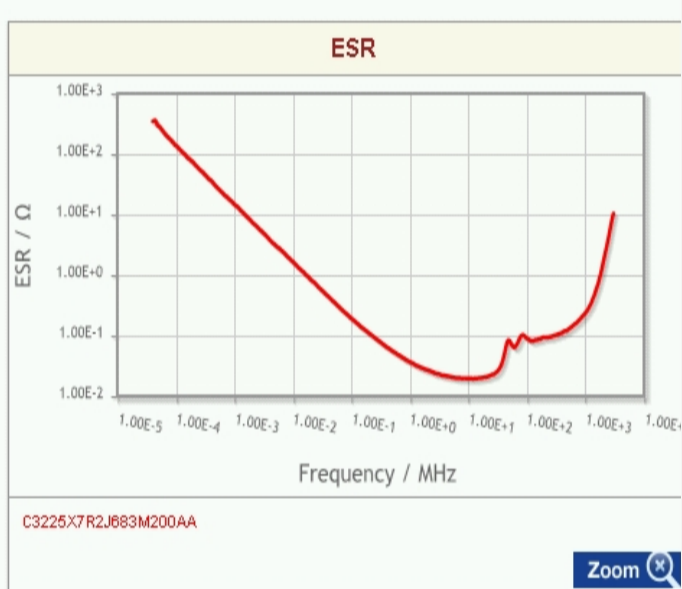
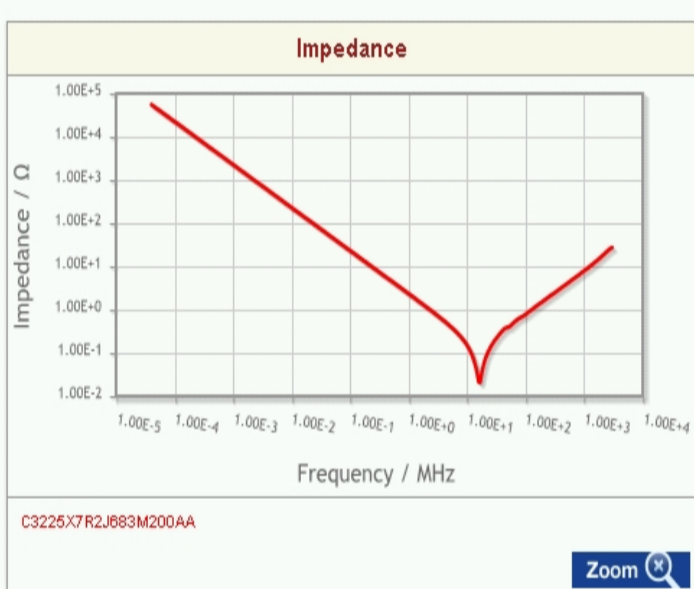
Documents

- [Catalog](#)
- [Specification](#)
- [Characterization Sheet](#)
- [RoHS Certificate](#)
- [REACH Certificate](#)
- [Selection Guide](#)
- [FAQ](#)
- [\[Promotion Video\] Mid Voltage \(100 to 630V\) Capacitor](#)

Design Tools

- [S-parameter](#)
- [SPICE Netlist\(Simple\)](#)
- [SPICE Netlist\(Precision\)](#)
- [Components Characteristics Viewer](#)

Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



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- » Current Protection Devices
- » Temperature Protection Devices
- » Sensors and Sensor Systems
- » Ceramic Switching / Heating, Piezo Components and Buzzers
- » Transformers
- » Ferrites and Accessories
- » Noise Suppression Sheets / Magnetic Sheets
- » Anechoic Chambers and Radio Wave Absorbers
- » Power Supplies
- » Magnets
- » Flash Storage
- » Wireless Charging
- » FA Systems
- » ITO Transparent Conductive Film
- » Micro Modules (Substrates with Built-in ICs, Products Utilizing with SESUB)

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