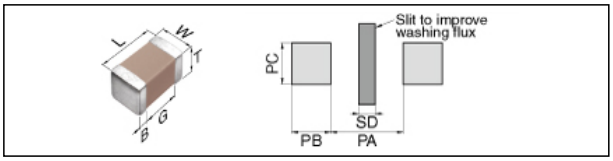
Creation Date : March 03, 2015

C3225X7S3D102K200AA (TDK item description : C3225X7S3D102KT****)

Applications		Commercial Grade
		Please refer to Part No. CGA6M1X7S3D102K200AA for automotive use.
Feature	High	High Voltage (1000V and over)
Series		C3225 [EIA CC1210]



Lead Free | Halogen Free | REACH | RoHS COMPLIANT

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)	1.00 to 1.30mm

Electrical Characteristics	
Capacitance	1nF +/-10%
Rated Voltage	2000Vdc
Temperature Characteristic	X7S(+/-22%)
Dissipation Factor	3% Max.
Insulation Resistance	10000MΩ Min.

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

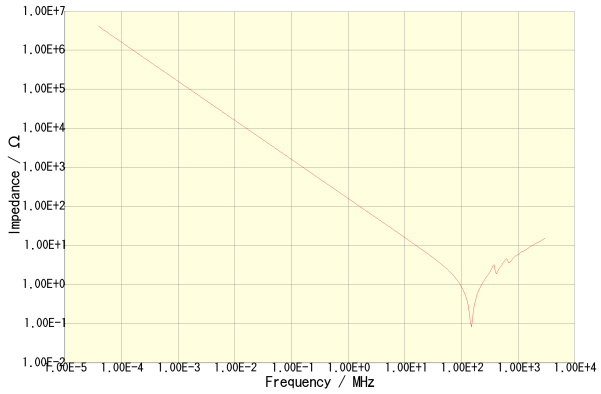
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C3225X7S3D102K200AA

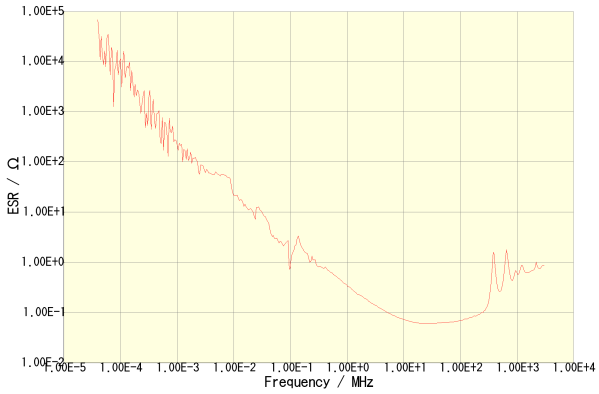
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)

Impedance



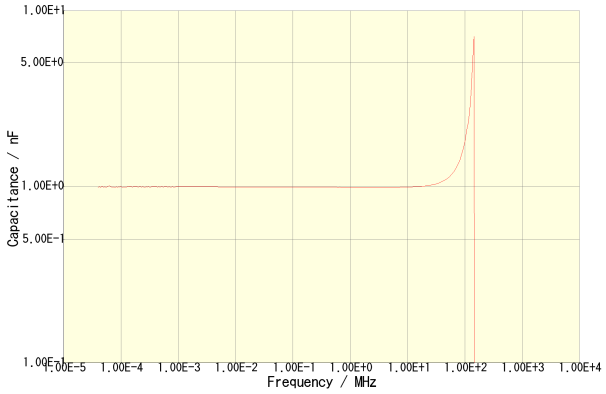
C3225X7S3D102K200AA

ESR



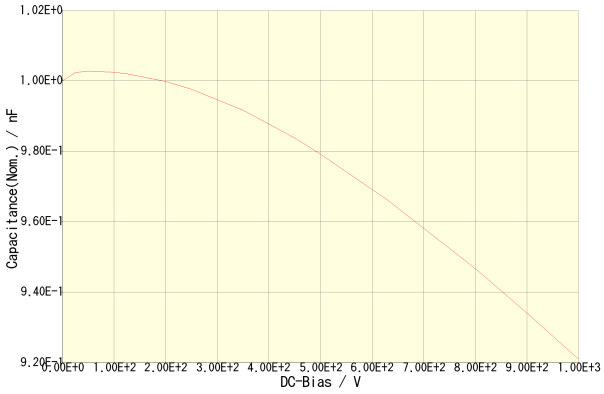
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Capacitance



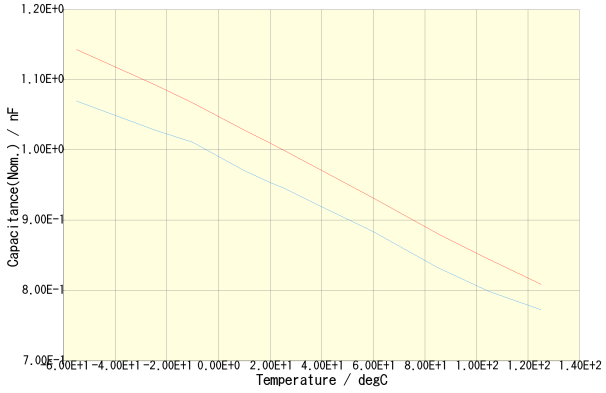
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DC-Bias Characteristic



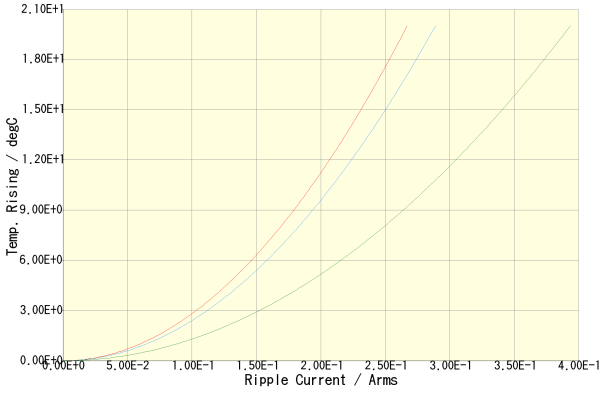
C3225X7S3D102K200AA

Temperature Characteristic



C3225X7S3D102K200AA(DC Bias = 0V) C3225X7S3D102K200AA(DC Bias = 1000V)

Ripple Temperature Rising



C3225X7S3D102K200AA(100kHz) C3225X7S3D102K200AA(500kHz)

C3225X7S3D102K200AA(1MHz)

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