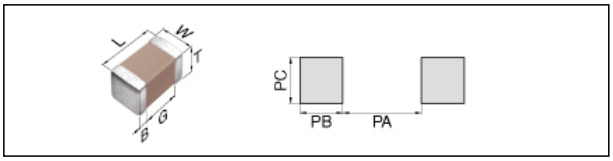
Creation Date : September 05, 2016

C3225X7R2J473K200AA (TDK item description : C3225X7R2J473KT****)

Applications		Commercial Grade
		Please refer to Part No. CGA6M4X7R2J473K200AA for automotive use.
Feature	Mid	Mid Voltage (100 to 630V)
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)	

Electrical Characteristics	
Capacitance	47nF +/-10%
Rated Voltage	630Vdc
Temperature Characteristic	X7R(+/-15%)
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.

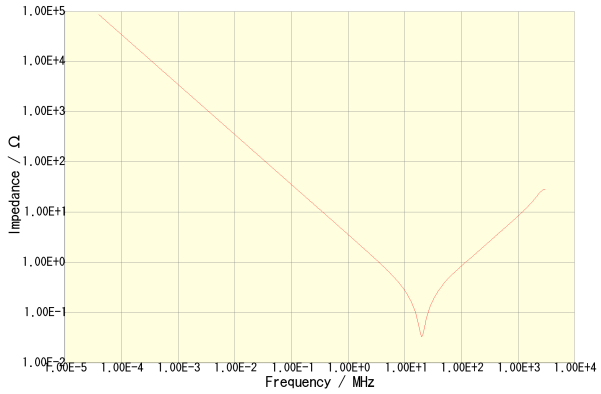
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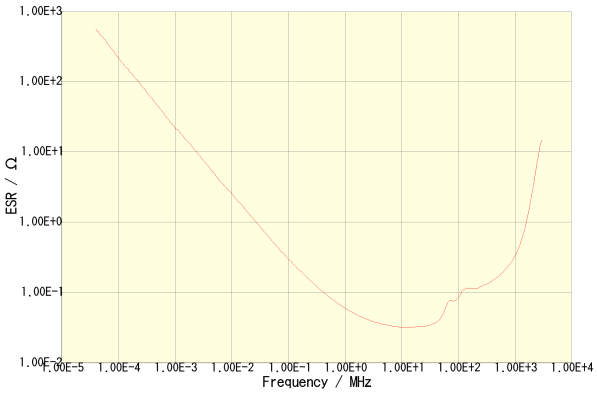
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)

Impedance



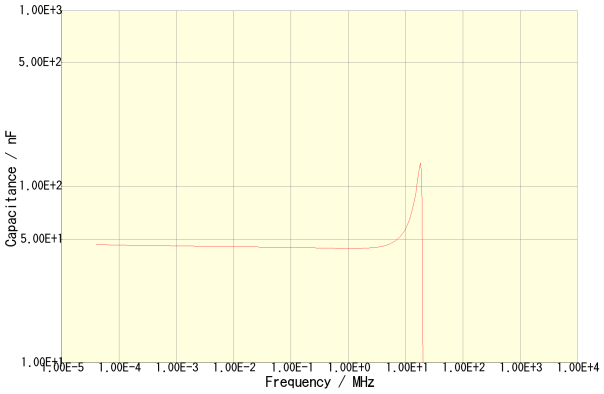
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ESR



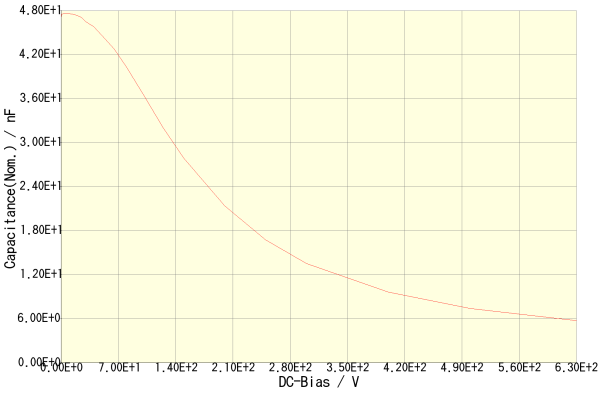
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Capacitance



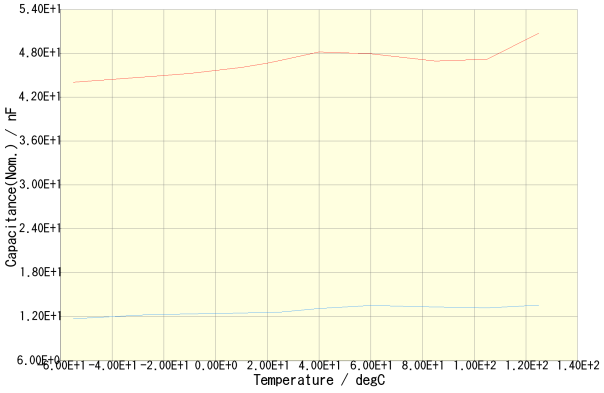
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DC-Bias Characteristic



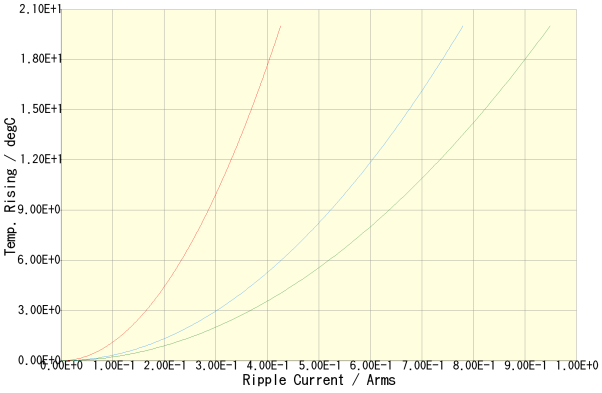
C3225X7R2J473K200AA

Temperature Characteristic



C3225X7R2J473K200AA(DC Bias = 0V) C3225X7R2J473K200AA(DC Bias = 315V)

Ripple Temperature Rising



C3225X7R2J473K200AA(100kHz) C3225X7R2J473K200AA(500kHz)

C3225X7R2J473K200AA(1MHz)

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