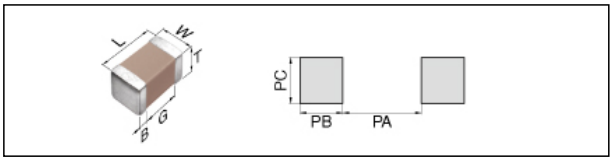
Creation Date : September 04, 2016

C3225X5R0J476M250AA (TDK item description : C3225X5R0J476MT****)

Applications		Commercial Grade
Feature	General	General (Up to 50V)
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)	2.50mm +/-0.30mm
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	47uF +/-20%
Rated Voltage	6.3Vdc
Temperature Characteristic	X5R(+/-15%)
Dissipation Factor	7.5% Max.
Insulation Resistance	2MΩ Min.

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

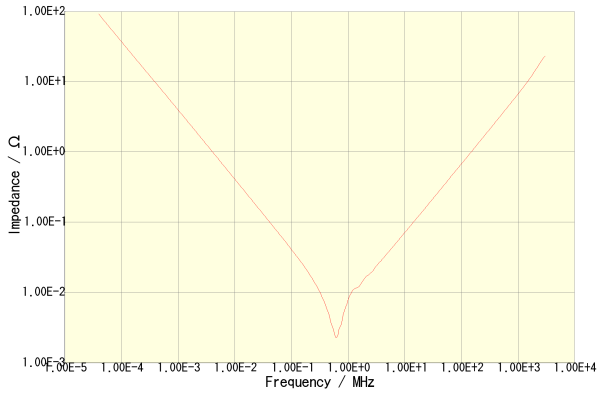
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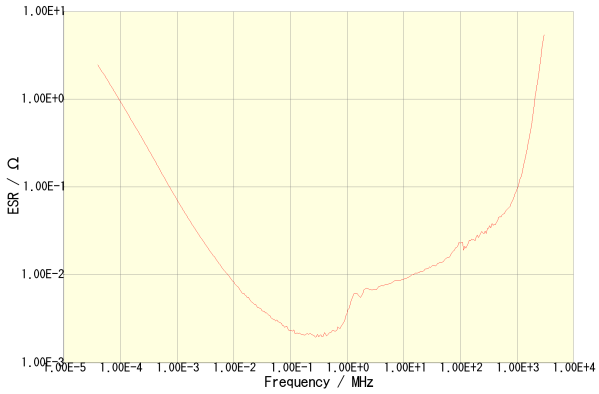
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)

Impedance



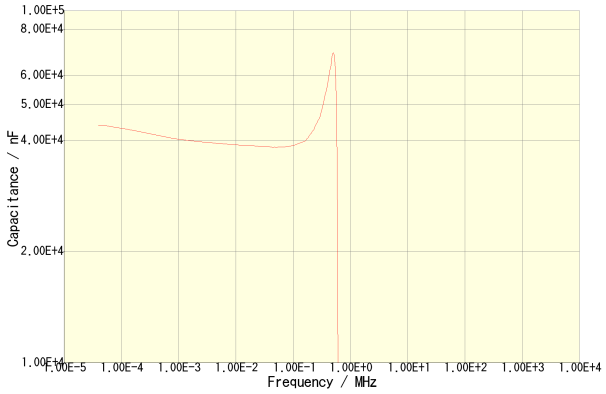
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ESR



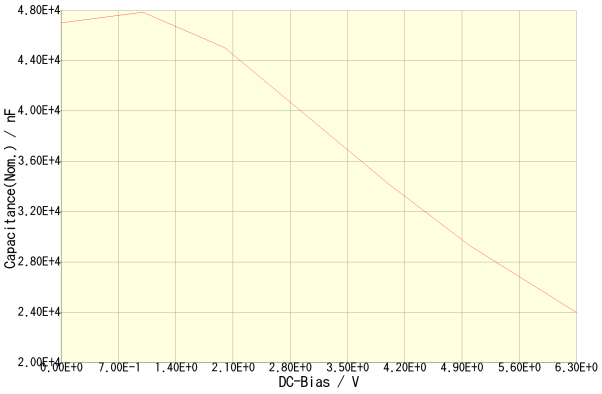
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Capacitance



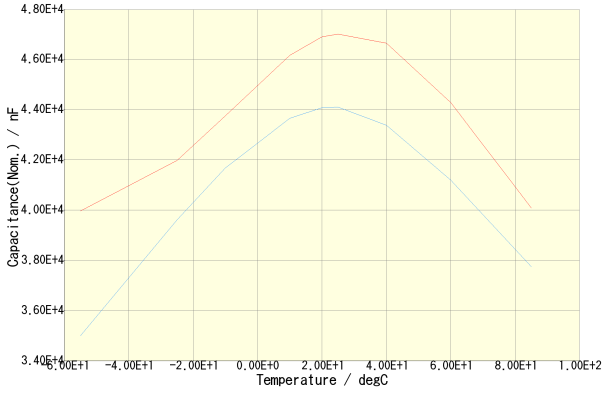
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DC-Bias Characteristic



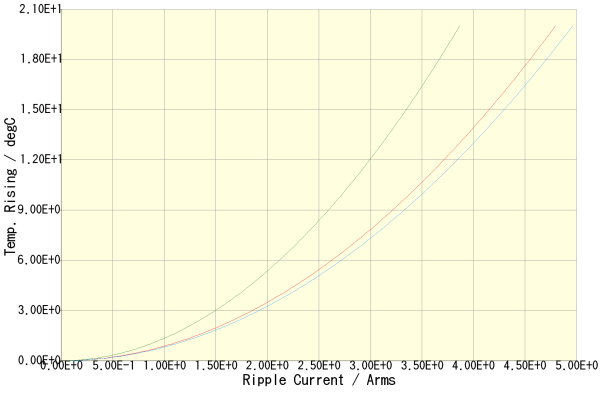
C3225X5R0J476M250AA

Temperature Characteristic



C3225X5R0J476M250AA(DC Bias = 0V) C3225X5R0J476M250AA(DC Bias = 3.15V)

Ripple Temperature Rising



C3225X5R0J476M250AA(100kHz) C3225X5R0J476M250AA(500kHz)

C3225X5R0J476M250AA(1MHz)

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