

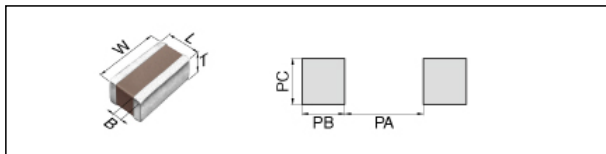


C0816X5R1A224M050AC (TDK item description : C0816X5R1A224MT****)

Applications	 Commercial Grade
Feature	 Low ESL Reverse Geometry
Series	C0816 [EIA CC0306]



Size	
Length(L)	0.80mm +/-0.10mm
Width(W)	1.60mm +/-0.10mm
Thickness(T)	0.50mm +/-0.10mm
Terminal Width(B)	0.10mm Min.
Recommended Land Pattern(PA)	0.30mm Nom.
Recommended Land Pattern(PB)	0.35mm Nom.
Recommended Land Pattern(PC)	1.60mm Nom.

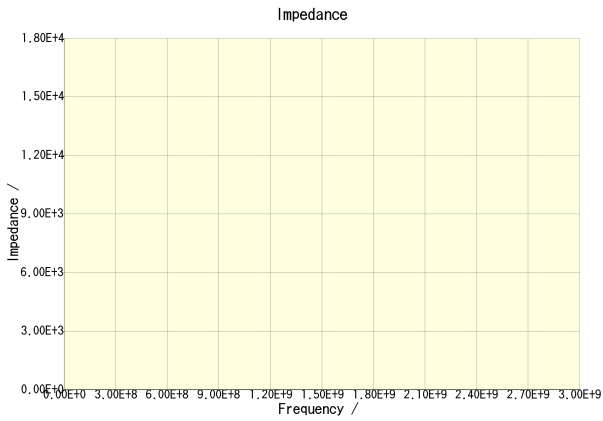
Electrical Characteristics	
Capacitance	220nF +/-20%
Rated Voltage	10Vdc
Temperature Characteristic	X5R(+/-15%)
Dissipation Factor	5% Max.
Insulation Resistance	454MΩ Min.

Other	
Soldering Method	Reflow
AEC Q200	No
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	4000Pcs Min.

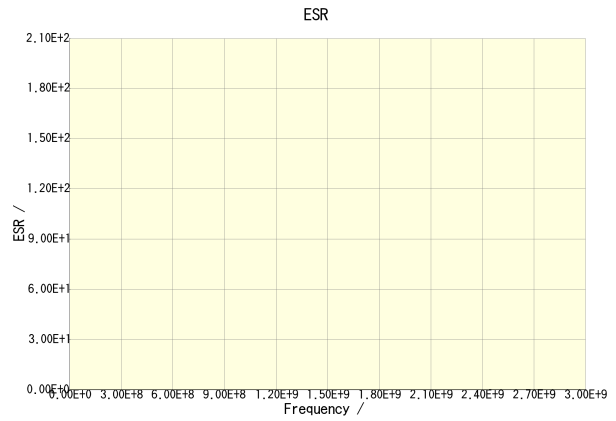
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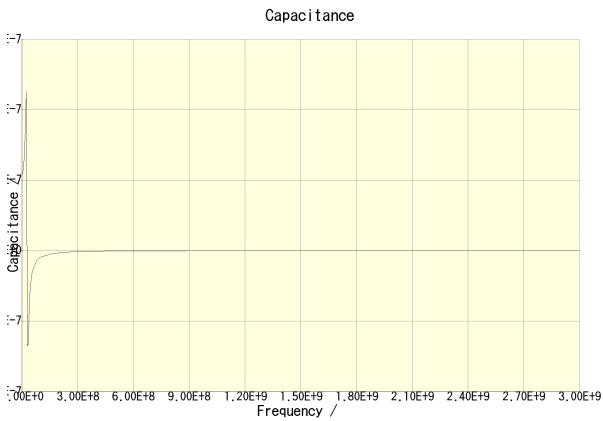
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



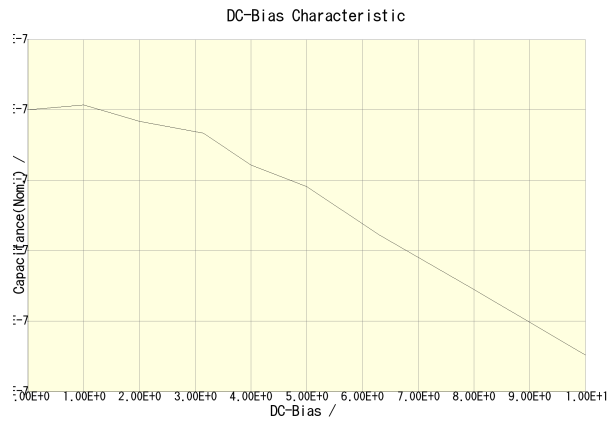
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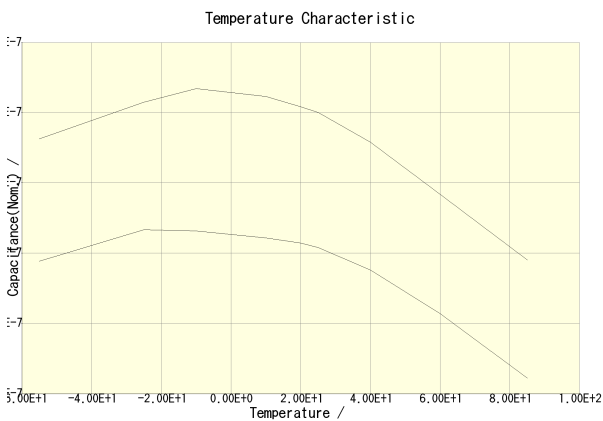
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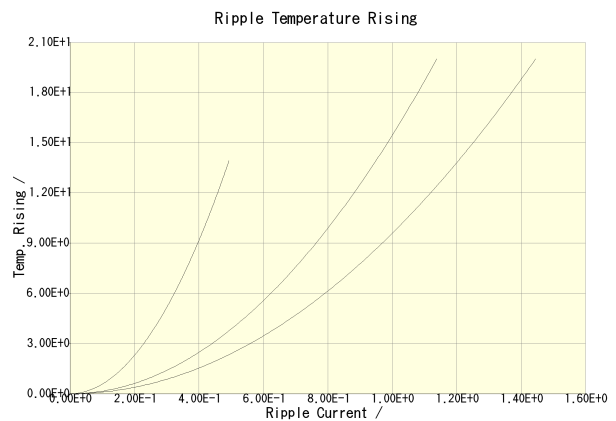
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C0816X5R1A224M050AC



C0816X5R1A224M050AC(DC Bias = 0V) C0816X5R1A224M050AC(DC Bias = 5V)



C0816X5R1A224M050AC(100kHz) C0816X5R1A224M050AC(500kHz)
C0816X5R1A224M050AC(1MHz)

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