

C0816X5R0J105M050AC

Applications



Commercial Grade

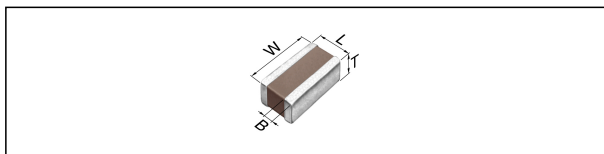
Feature



Low ESL Reverse Geometry

Series

C0816 [EIA CC0306]



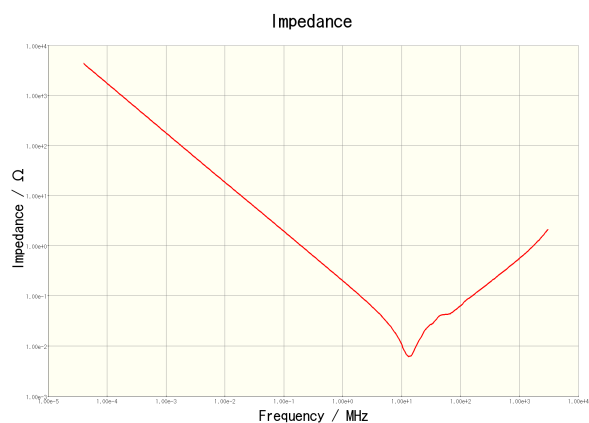
Size	
Length(L)	0.80mm +/-0.15mm
Width(W)	1.60mm +/-0.20mm
Thickness(T)	0.50mm +/-0.10mm
Terminal Width(B)	0.10mm Min.

Electrical Characteristics	
Capacitance	1uF +/-20%
Rated Voltage	6.3Vdc
Temperature Characteristic	X5R(+/-15%)
Dissipation Factor	12% Max.
Insulation Resistance	100MΩ Min.

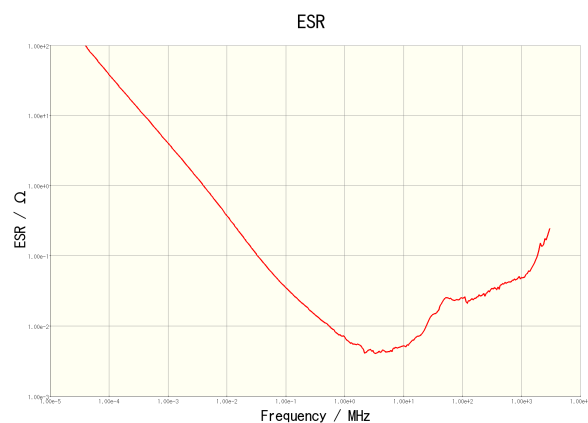
Other	
Soldering Method	Reflow
AEC Q200	No
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	4000 Pcs Min.

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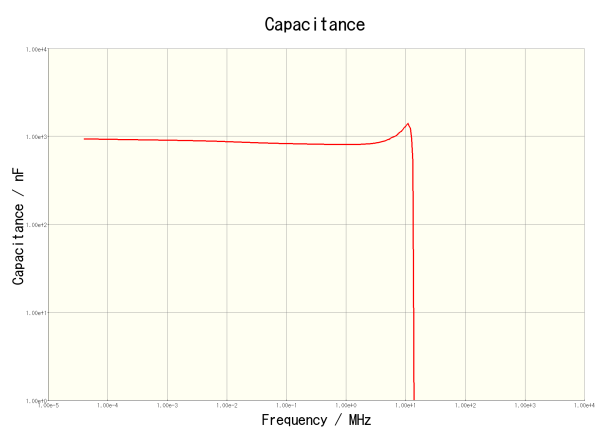
Characteristic Graphs



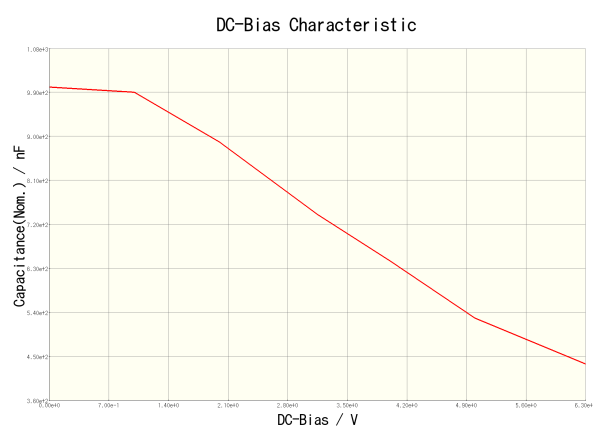
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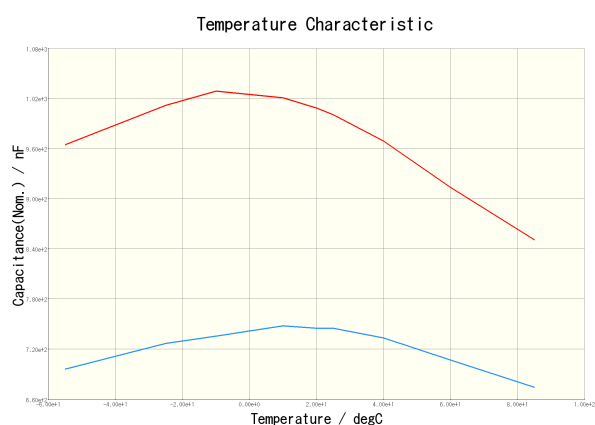
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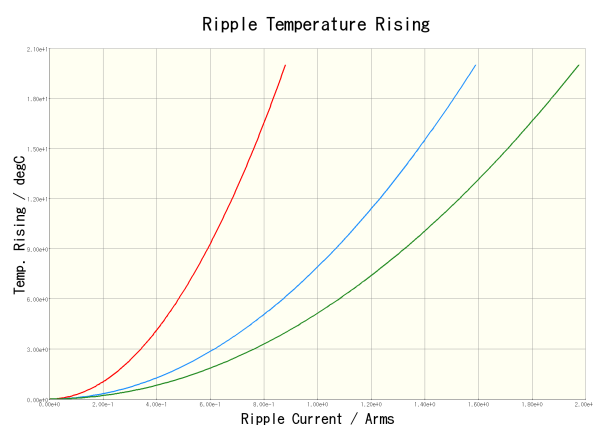


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C0816X5R0J105M050AC(DC Bias = 0V)

C0816X5R0J105M050AC(DC Bias = 3.15V)



C0816X5R0J105M050AC(100kHz)

C0816X5R0J105M050AC(500kHz)

C0816X5R0J105M050AC(1MHz)