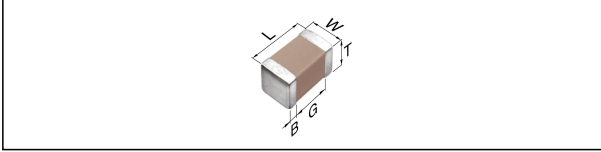


C1005X7R1C103K050BA

Applications  Commercial Grade

Feature  General (Up to 50V)

Series C1005 [EIA CC0402]



Size	
Length(L)	1.00mm +/-0.05mm
Width(W)	0.50mm +/-0.05mm
Thickness(T)	0.50mm +/-0.05mm
Terminal Width(B)	0.10mm Min.
Terminal Spacing(G)	0.30mm Min.

Electrical Characteristics	
Capacitance	10nF +/-10%
Rated Voltage	16Vdc
Temperature Characteristic	X7R(+/-15%)
Dissipation Factor	5% Max.
Insulation Resistance	10000MΩ Min.

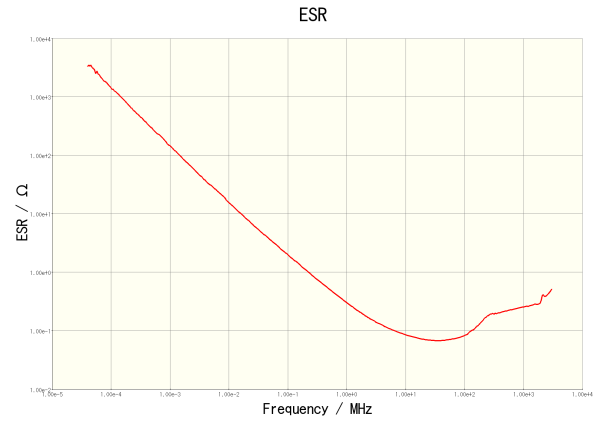
Other	
Soldering Method	Reflow
AEC Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	10000 Pcs Min.

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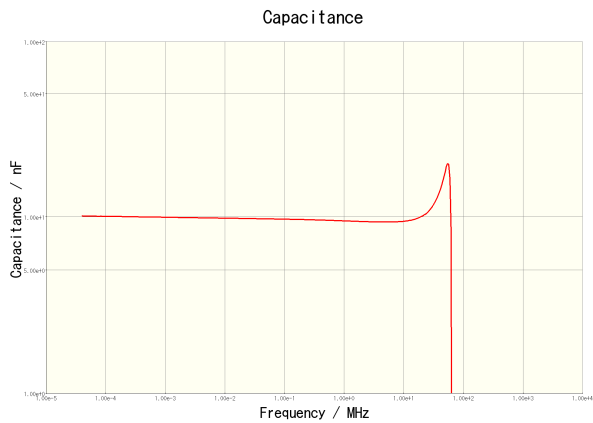
Characteristic Graphs



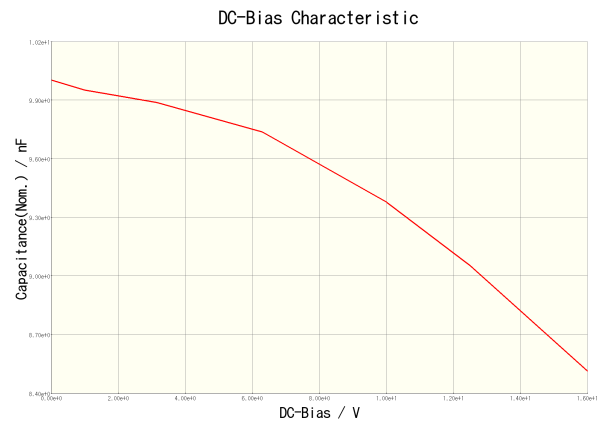
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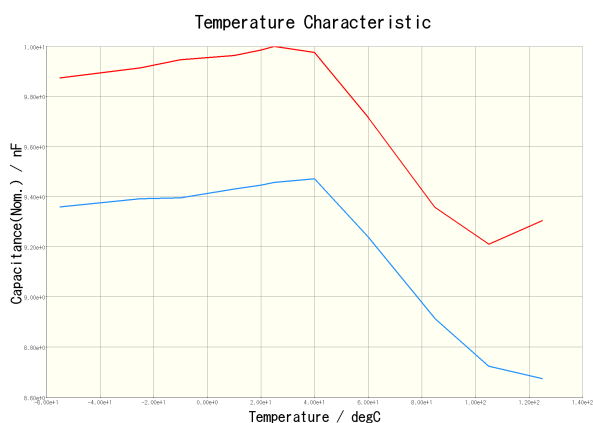
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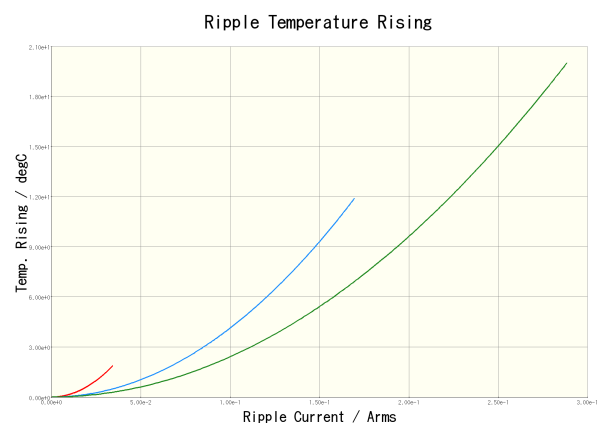


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C1005X7R1C103K050BA(DC Bias = 0V)

C1005X7R1C103K050BA(DC Bias = 8V)



C1005X7R1C103K050BA(100kHz)

C1005X7R1C103K050BA(500kHz)

C1005X7R1C103K050BA(1MHz)