

# C1005X7R1H104K050BB (TDK item description : C1005X7R1H104KT\*\*\*\*)

Applications



Commercial Grade



Please refer to Part No. CGA2B3X7R1H104K050BB for automotive use.

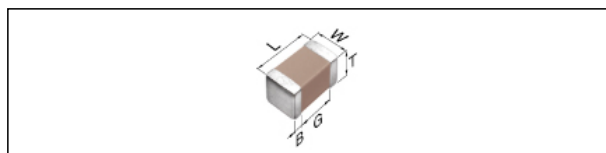
Feature

**General**

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	100nF +/-10%
Rated Voltage	50Vdc
Temperature Characteristic	X7R(+/-15%)
Dissipation Factor	5% Max.
Insulation Resistance	5000MΩ Min.

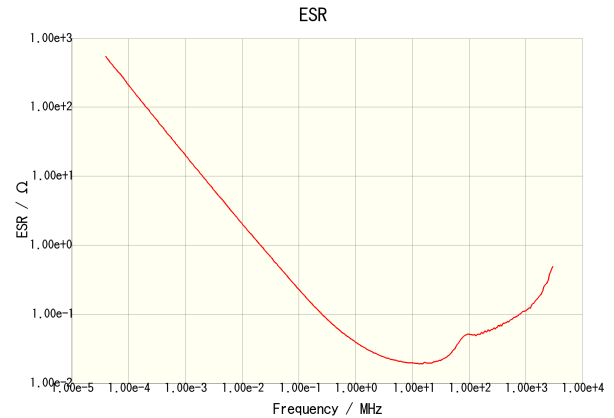
Other	
Soldering Method	Reflow
AEC Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	10000 Pcs Min.

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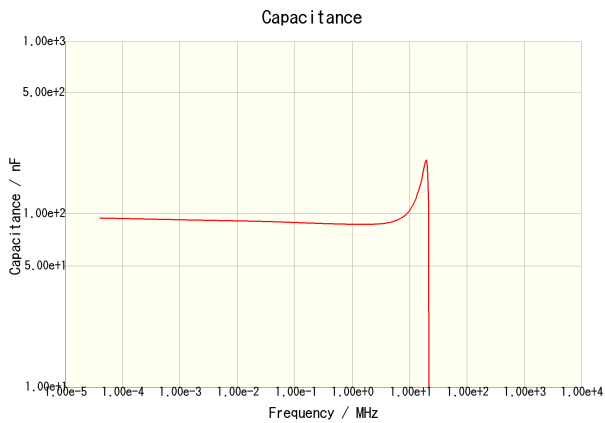
## Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



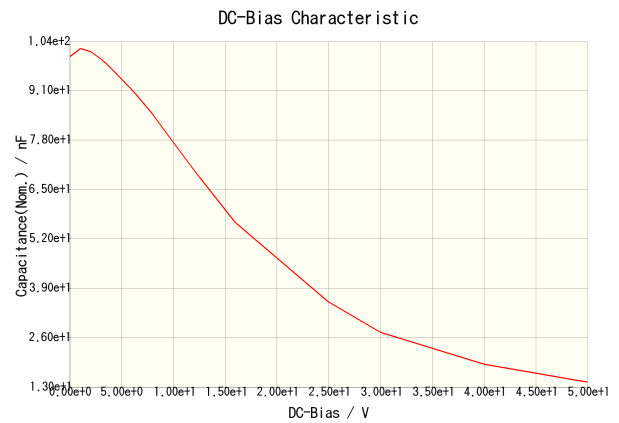
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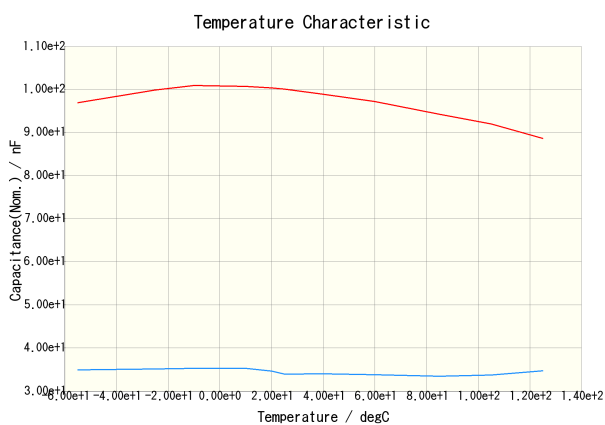
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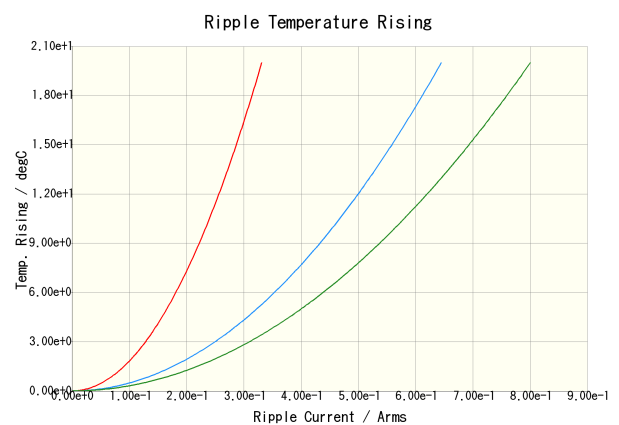
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C1005X7R1H104K050BB(DC Bias = 0V) C1005X7R1H104K050BB(DC Bias = 25V)



C1005X7R1H104K050BB(100kHz) C1005X7R1H104K050BB(500kHz)  
C1005X7R1H104K050BB(1MHz)