

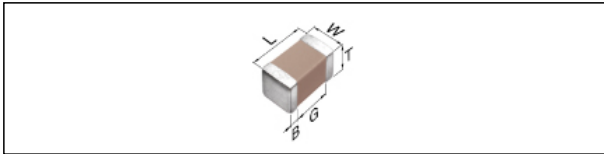


**C1005X5R1E104K050BC** (TDK item description : C1005X5R1E104KT\*\*\*\*)

Applications	 Commercial Grade
	 Please refer to Part No. CGA2B3X5R1E104K050BB for automotive use.
Feature	<b>General</b> 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	25Vdc
Temperature Characteristic	X5R(+/-15%)
Dissipation Factor	5% Max.
Insulation Resistance	1000MΩ Min.

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

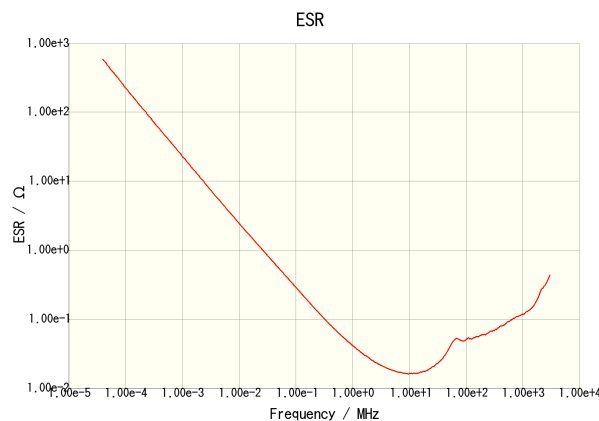
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 •All specifications are subject to change without notice.

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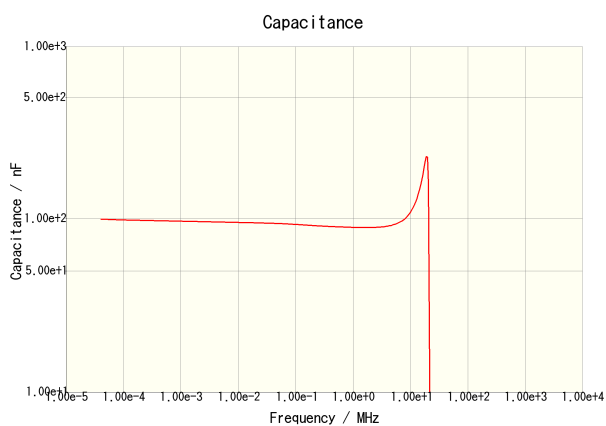
**Characteristic Graphs** (This is reference data, and does not guarantee the product's characteristics.)



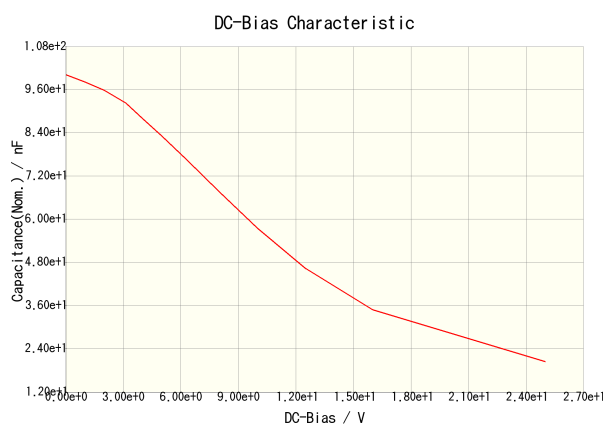
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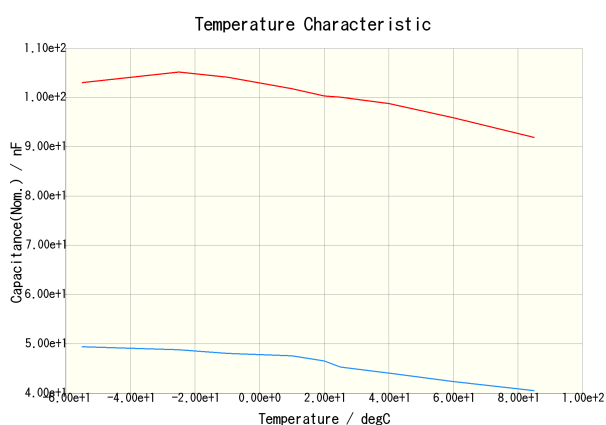
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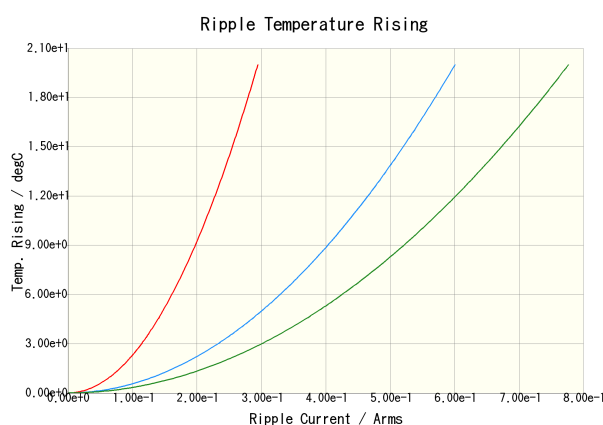
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C1005X5R1E104K050BC



C1005X5R1E104K050BC(DC Bias = 0V) C1005X5R1E104K050BC(DC Bias = 12.5V)



C1005X5R1E104K050BC(100kHz) C1005X5R1E104K050BC(500kHz)  
C1005X5R1E104K050BC(1MHz)

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