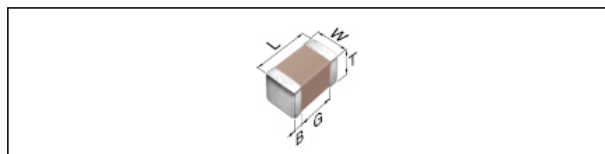


C1005X5R1V105K050BC (TDK item description : C1005X5R1V105KT****)

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	1uF +/-10%
Rated Voltage	35Vdc
Temperature Characteristic	X5R(+/-15%)
Dissipation Factor	10% Max.
Insulation Resistance	500MΩ Min.

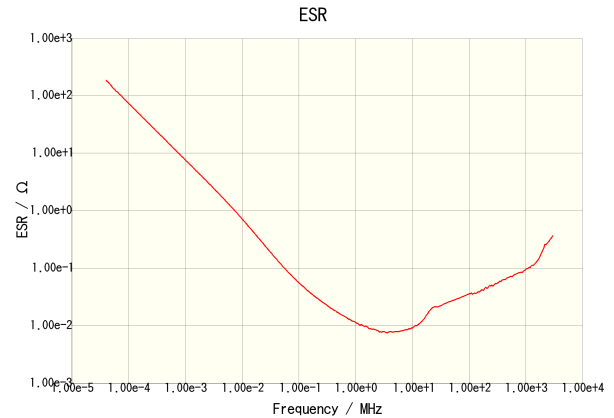
Other	
Soldering Method	Reflow
AEC Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	10000 Pcs Min.

C1005X5R1V105K050BC

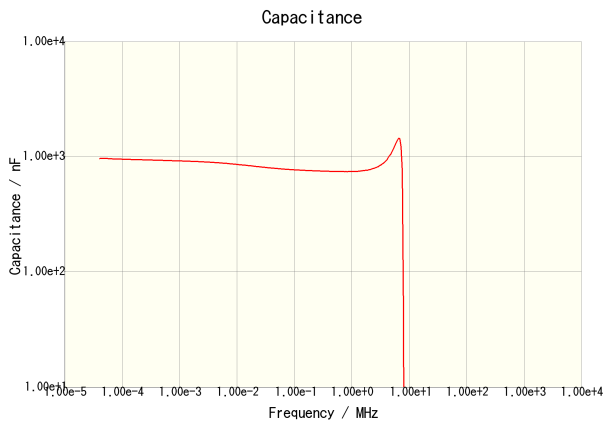
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



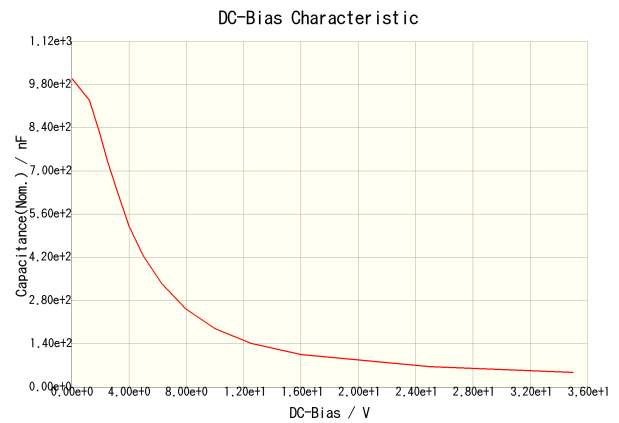
C1005X5R1V105K050BC



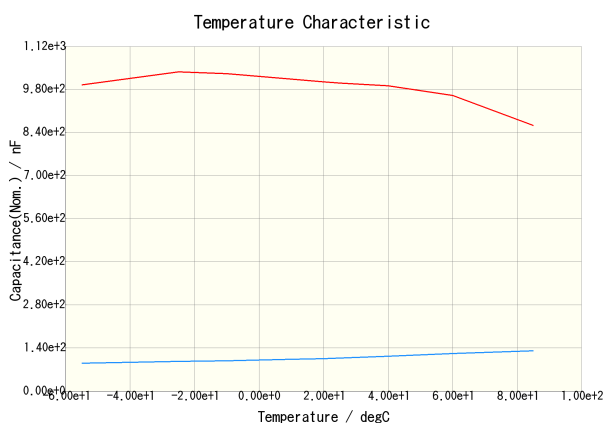
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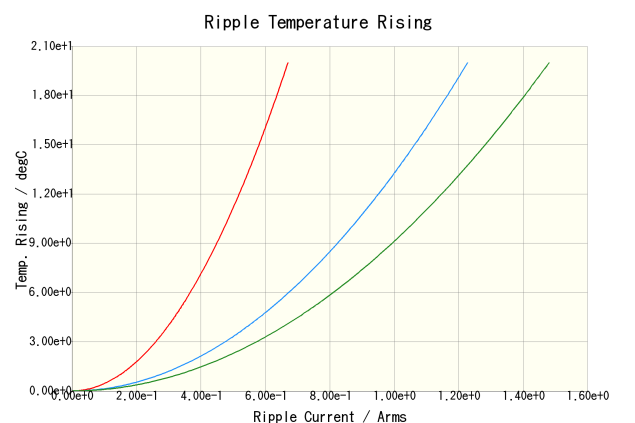
C1005X5R1V105K050BC



C1005X5R1V105K050BC



C1005X5R1V105K050BC(DC Bias = 0V) C1005X5R1V105K050BC(DC Bias = 17.5V)



C1005X5R1V105K050BC(100kHz) C1005X5R1V105K050BC(500kHz)
C1005X5R1V105K050BC(1MHz)