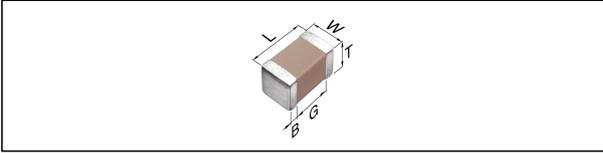


# C1005X5R1C474K050BC

Applications	 Commercial Grade
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.

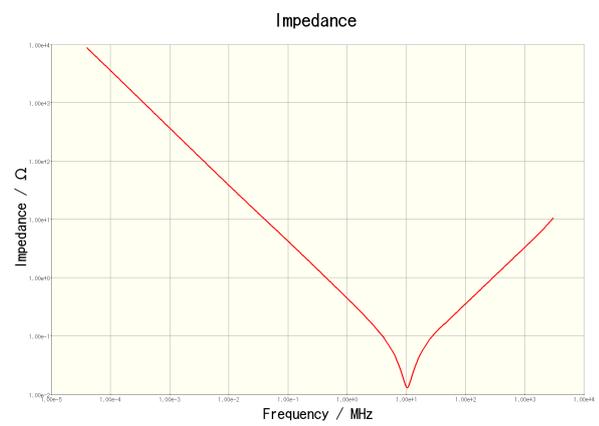
Electrical Characteristics	
Capacitance	470nF +/-10%
Rated Voltage	16Vdc
Temperature Characteristic	X5R(+/-15%)
Dissipation Factor	10% Max.
Insulation Resistance	212M Min.

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

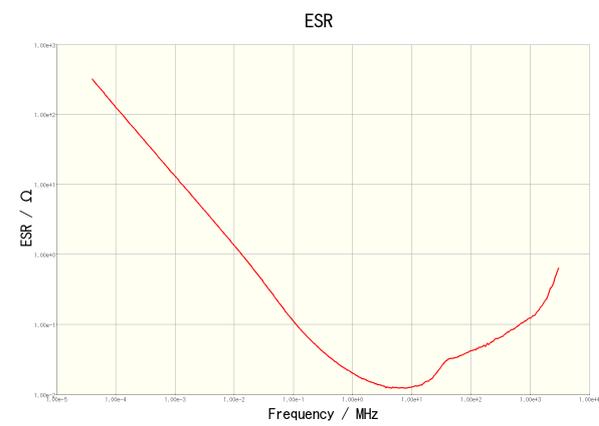
•This PDF document was created based on the data listed on the TDK Corporation website.  
 •All specifications are subject to change without notice.

# C1005X5R1C474K050BC

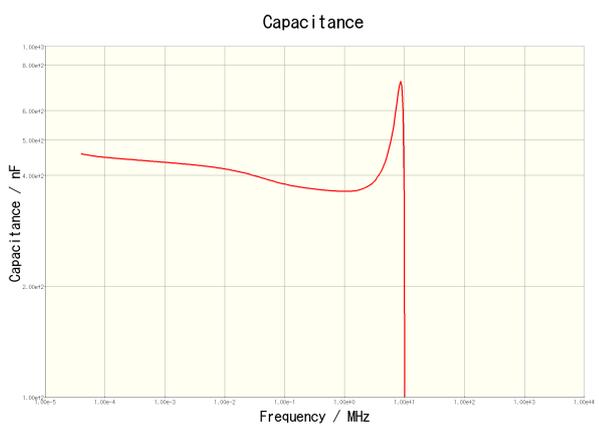
## Characteristic Graphs



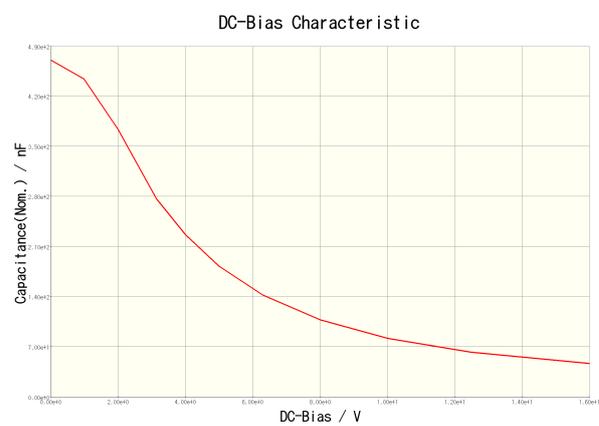
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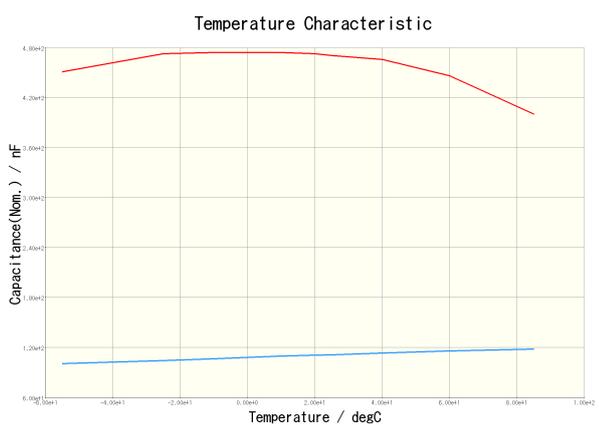
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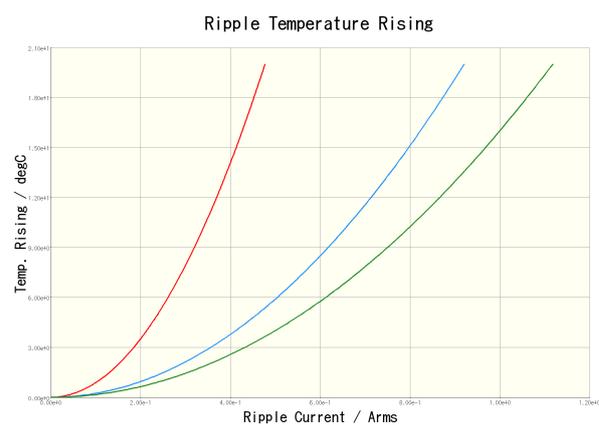
C1005X5R1C474K050BC



C1005X5R1C474K050BC



C1005X5R1C474K050BC(DC Bias = 0V)    C1005X5R1C474K050BC(DC Bias = 8V)



C1005X5R1C474K050BC(100kHz)    C1005X5R1C474K050BC(500kHz)  
C1005X5R1C474K050BC(1MHz)

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