

C1005X5R1A475M050BC (TDK item description : C1005X5R1A475MT****)

Applications



Commercial Grade

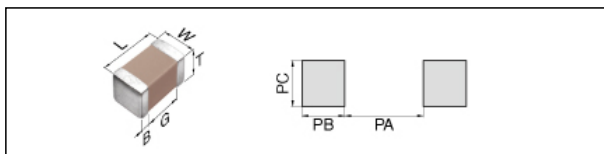
Feature

General

General (Up to 50V)

Series

C1005 [EIA CC0402]



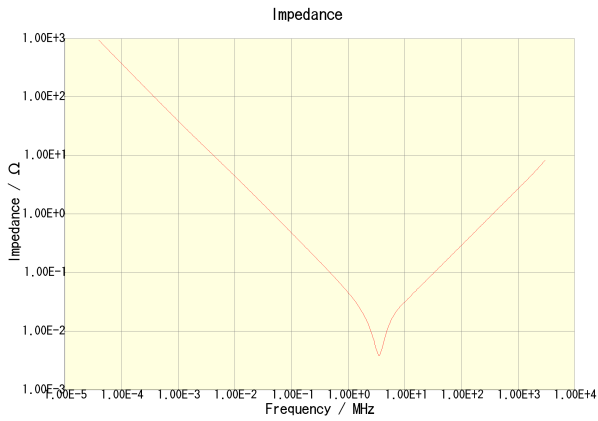
Size	
Length(L)	1.00mm +0.15/-0.10mm
Width(W)	0.50mm +0.15/-0.10mm
Thickness(T)	0.50mm +0.15/-0.10mm
Terminal Width(B)	0.10mm Min.
Terminal Spacing(G)	0.30mm Min.
Recommended Land Pattern(PA)	0.30 to 0.50mm
Recommended Land Pattern(PB)	0.35 to 0.45mm
Recommended Land Pattern(PC)	0.40 to 0.60mm
Recommended Slit Pattern(SD)	

Electrical Characteristics	
Capacitance	4.7uF +/-20%
Rated Voltage	10Vdc
Temperature Characteristic	X5R(+/-15%)
Dissipation Factor	10% Max.
Insulation Resistance	21MΩ Min.

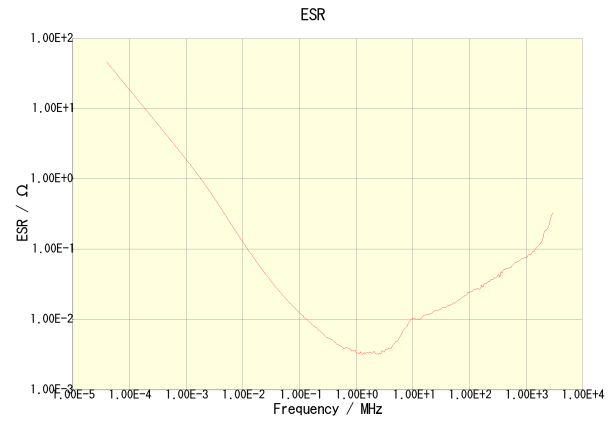
Other	
Soldering Method	Reflow
AEC Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	10000Pcs Min.

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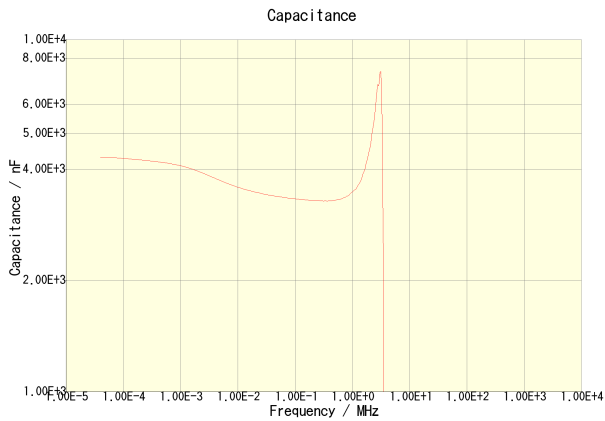
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



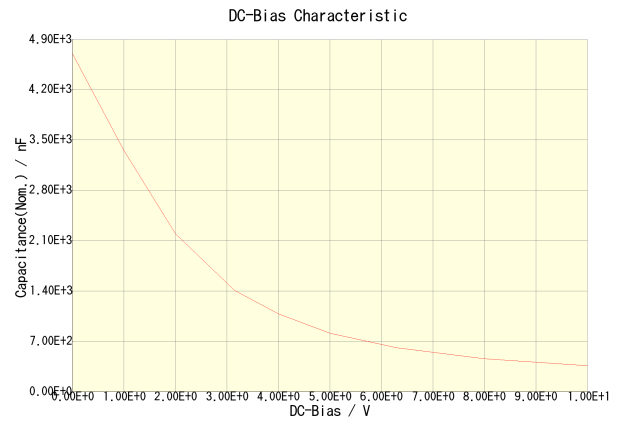
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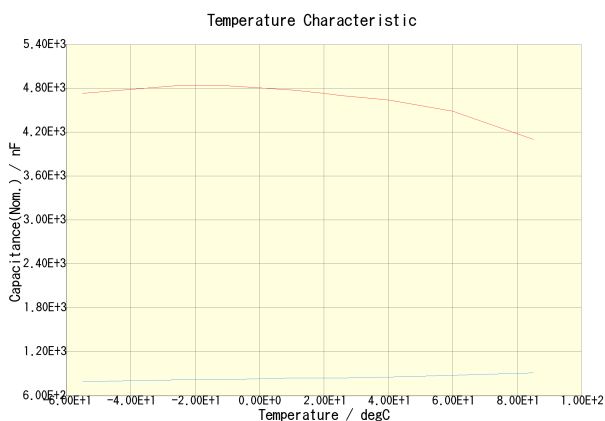
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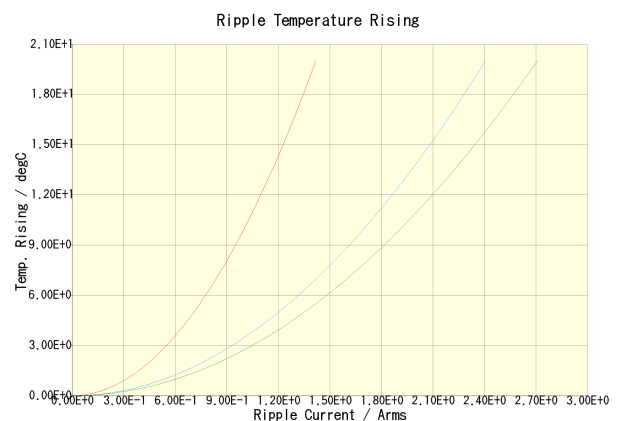
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C1005X5R1A475M050BC



C1005X5R1A475M050BC(DC Bias = 0V) C1005X5R1A475M050BC(DC Bias = 5V)



C1005X5R1A475M050BC(100kHz) C1005X5R1A475M050BC(500kHz)
C1005X5R1A475M050BC(1MHz)