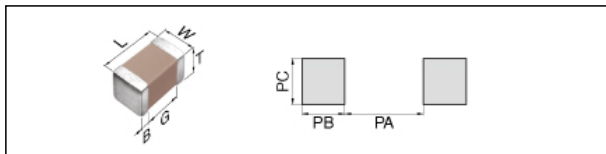


C0603X5R0J223K030BC (TDK item description : C0603X5R0J223KT****)

Applications		Commercial Grade
Feature	General	General (Up to 50V)
Series	C0603 [EIA CC0201]	



Size	
Length(L)	0.60mm +/-0.03mm
Width(W)	0.30mm +/-0.03mm
Thickness(T)	0.30mm +/-0.03mm
Terminal Width(B)	0.10mm Min.
Terminal Spacing(G)	0.20mm Min.
Recommended Land Pattern(PA)	0.25 to 0.35mm
Recommended Land Pattern(PB)	0.20 to 0.30mm
Recommended Land Pattern(PC)	0.25 to 0.35mm
Recommended Slit Pattern(SD)	

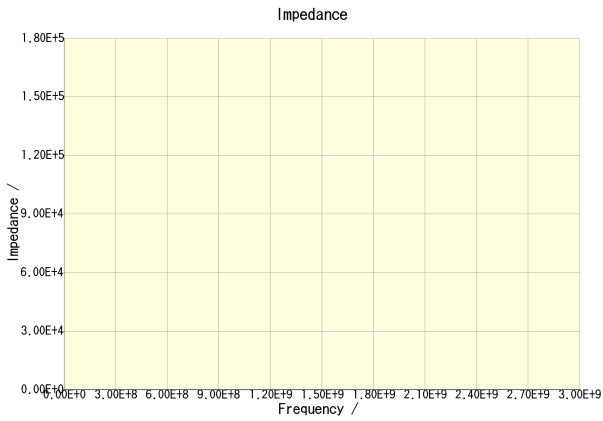
Electrical Characteristics	
Capacitance	22nF +/-10%
Rated Voltage	6.3Vdc
Temperature Characteristic	X5R(+/-15%)
Dissipation Factor	10% Max.
Insulation Resistance	4545MΩ Min.

Other	
Soldering Method	Reflow
AEC Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	15000Pcs Min.

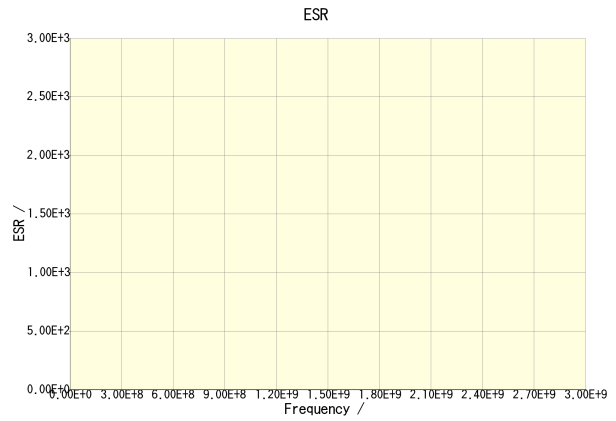
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 •All specifications are subject to change without notice.

C0603X5R0J223K030BC

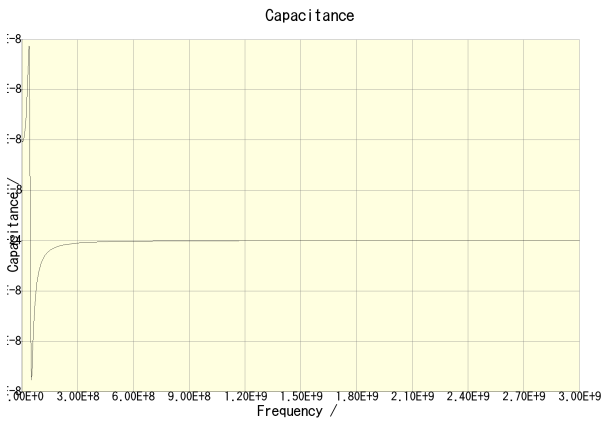
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



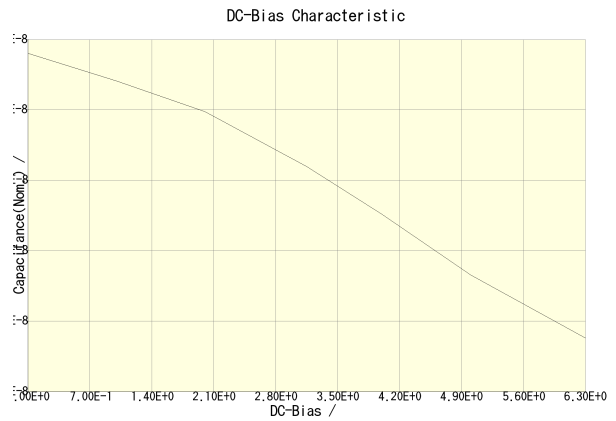
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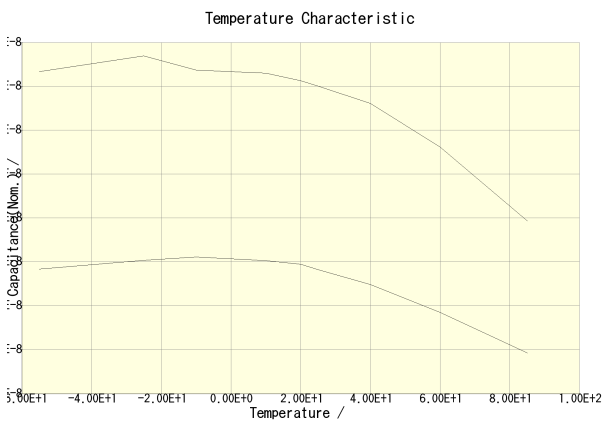
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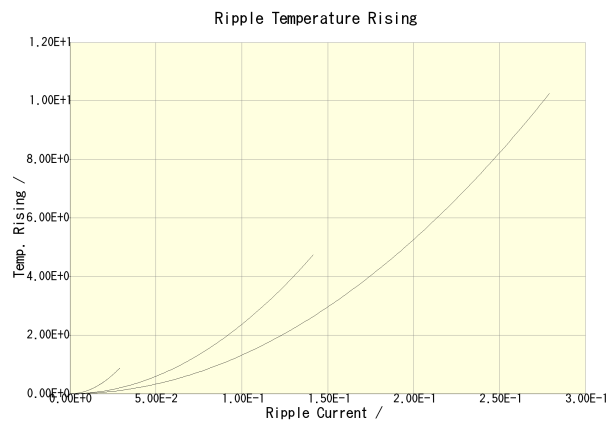
C0603X5R0J223K030BC



C0603X5R0J223K030BC



C0603X5R0J223K030BC(DC Bias = 0V) C0603X5R0J223K030BC(DC Bias = 3.15V)



C0603X5R0J223K030BC(100kHz) C0603X5R0J223K030BC(500kHz)
C0603X5R0J223K030BC(1MHz)

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[CGA2B2C0G1H2R2C](#) [CGA2B2C0G1H3R3C](#) [CGA2B2C0G1H680J](#) [CGA2B2C0G1H6R8D](#) [CGA2B2X8R1H221K](#) [CGA2B2X8R1H472K](#)
[CGA3E1X7R1C474K](#)