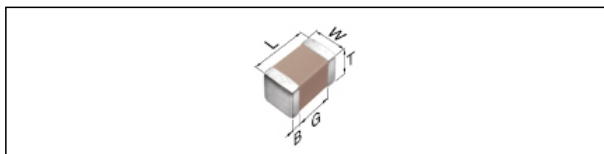


# C2012X5R1C226K125AC

Applications  Commercial Grade

Feature **General** General (Up to 50V)

Series C2012 [EIA CC0805]



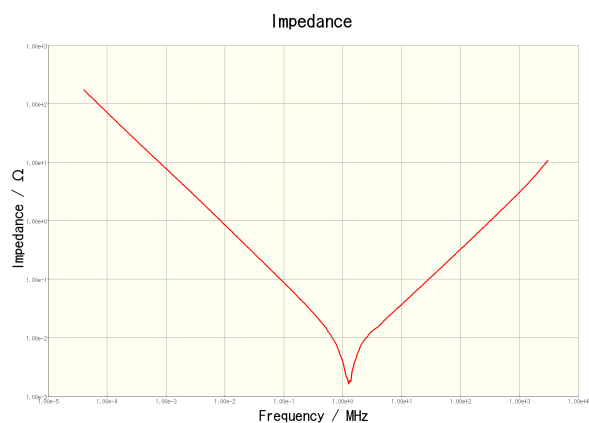
Size	
Length(L)	2.00mm +/-0.20mm
Width(W)	1.25mm +/-0.20mm
Thickness(T)	1.25mm +/-0.20mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	0.50mm Min.

Electrical Characteristics	
Capacitance	22uF +/-10%
Rated Voltage	16Vdc
Temperature Characteristic	X5R(+/-15%)
Dissipation Factor	10% Max.
Insulation Resistance	4M Min.

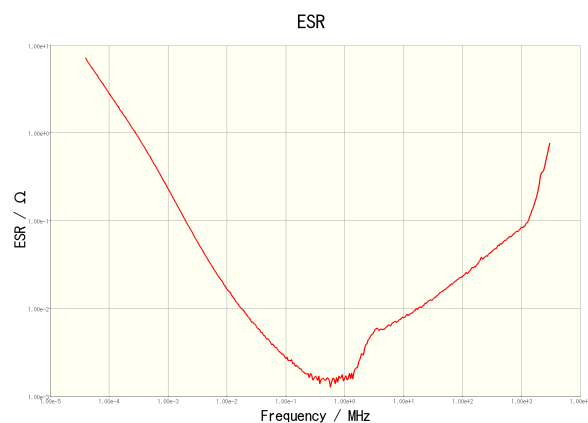
Other	
Soldering Method	Reflow, Flow
AEC Q200	No
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	2000 Pcs Min.

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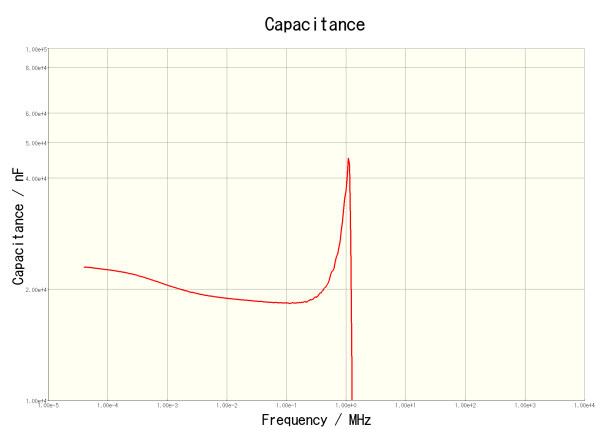
## Characteristic Graphs



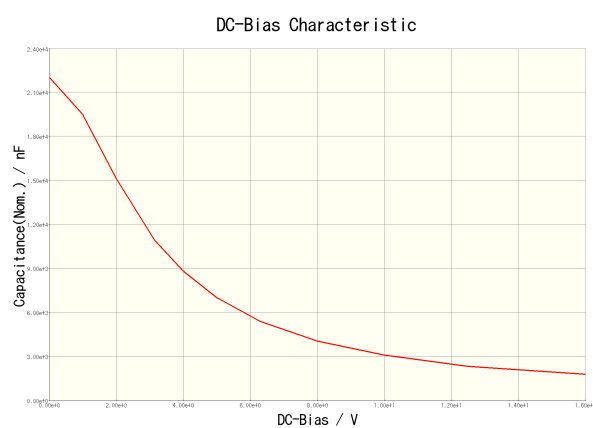
C2012X5R1C226K125AC



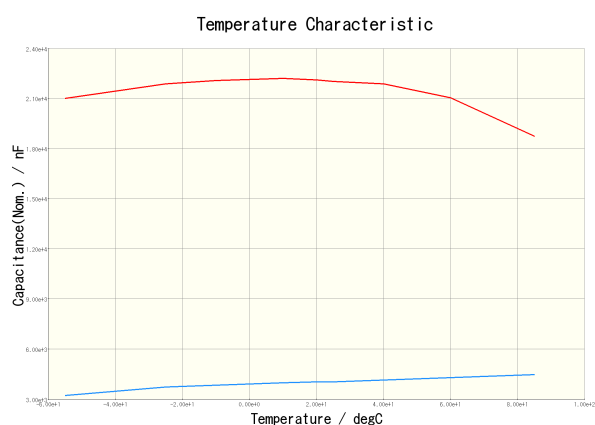
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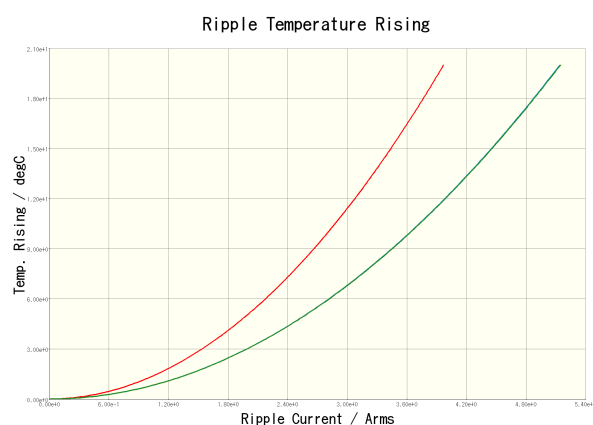
C2012X5R1C226K125AC



C2012X5R1C226K125AC



C2012X5R1C226K125AC(DC Bias = 0V) C2012X5R1C226K125AC(DC Bias = 8V)



C2012X5R1C226K125AC(100kHz) C2012X5R1C226K125AC(500kHz)  
C2012X5R1C226K125AC(1MHz)